Smartphone
SGH-i600
User's Guide

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Important safety precautions

Read these guidelines before using your wireless device. Failure to comply with them may be dangerous or illegal.

Drive safely at all times

Do not use a hand-held device while driving. Park the vehicle first.

Switch off the device when refuelling

Do not use the device at a refuelling point (service station) or near fuels or chemicals.

Switch off in an aircraft

Wireless devices can cause interference. Using them in an aircraft is both illegal and dangerous.

Switch off the device near all medical equipment

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

All wireless devices may be subject to interference, which could affect their performance.

Be aware of special regulations

Meet any special regulations in force in any area and always switch off your device whenever it is forbidden to use it, or when it may cause interference or danger.

Water resistance

Your device is not water-resistant. Keep it dry.

Sensible use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the device is switched on.

Emergency calls

Key in the emergency number for your present location, then press .

Keep your device away from small children

Keep the device and all its parts, including accessories, out of the reach of small children.

Accessories and batteries

Use only Samsung-approved batteries and accessories, such as headsets and PC data cables. Use of any unauthorised accessories could damage you and your device and may be dangerous.

CAUTION:

- The device could explode if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.

At very high volumes, prolonged listening to a headset can damage your hearing.

Qualified service

Only qualified service personnel may install or repair your device. Failure to do so may invalidate the warranty.

For more detailed safety information, see "Important safety information" on page 164.

chapter 1

Getting started

Congratulations on the purchase of your new Smartphone! This chapter helps you set up your device, charge the device's batteries, and familiarise yourself with the different components of your device.

What's in the box?

Your package contains the following items:

- Device
- PC data cable
- Battery
- Travel adapter
- CD-ROMs[1]
- Quick Reference Guide

In addition, you can obtain the following accessories for your device from your local Samsung dealer:

- Car charger/adapter
- Travel adapter
- PC data cable
- Bluetooth mono & stereo headset
- Standard battery
- Straight headset
- Bluetooth USB dongle kit
- Bluetooth hands-free car kit

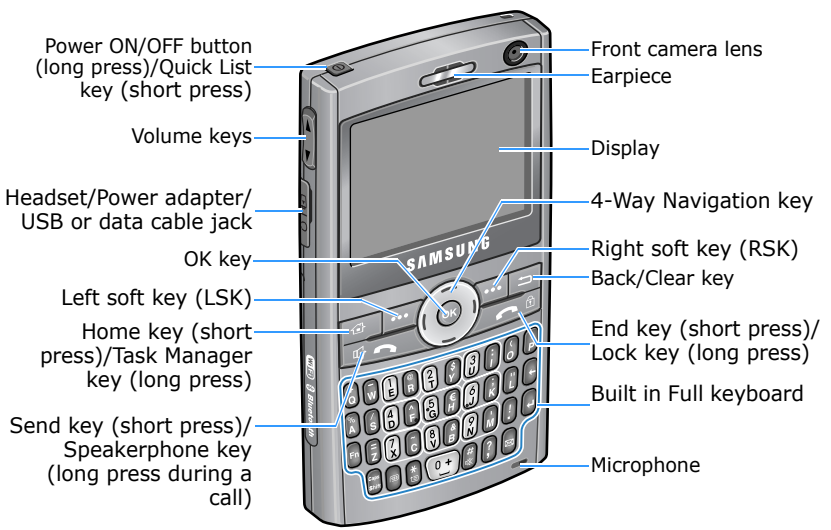
Note: The items supplied with your device and the accessories available at your Samsung dealer may vary, depending on your country or service provider.

1. One contains Microsoft ActiveSync software, Add-on software and programs, and the other contains User's Guide in PDF format.

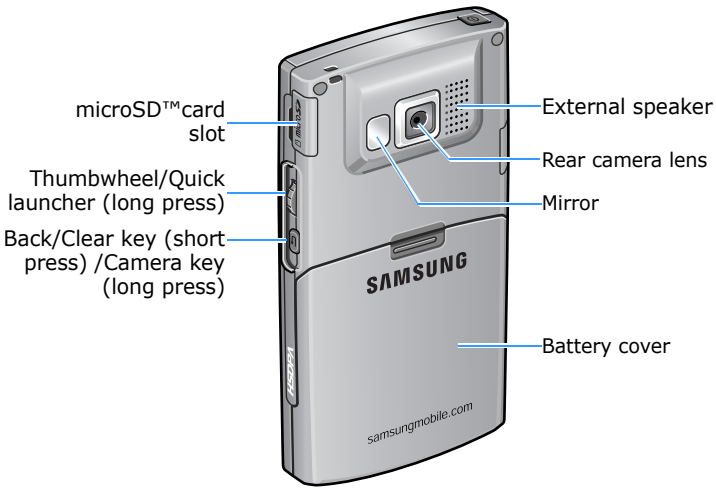
Getting to know your device

Front view

The following illustrations show the main elements of your phone:


Power ON/OFF button (long press)/Quick List key (short press)
Volume keys
Headset/Power adapter/ USB or data cable jack
OK key
Left soft key (LSK)
Home key (short press)/Task Manager key (long press)
Send key (short press)/ Speakerphone key (long press during a call)
Front camera lens
Earpiece
Display
4-Way Navigation key
Right soft key (RSK)
Back/Clear key
End key (short press)/ Lock key (long press)
Built in Full keyboard
Microphone
SAMSUNG

Rear view



Keys of your device

Key	Description
	• Press and hold to turn the device on or off. • Press to open the Quick List screen.
	• Press to switch to the Home screen from a program. • Press and hold to open Task Manager.
	Press to perform the command shown on the screen immediately above the key.
	• Press to close the current menu and return to the previous menu or screen. • Press to delete characters in a text input field.

Key	Description
	• Press to scroll through a list. • Press to move the cursor in a text input field.
	Press to confirm your selection or input.
	• Press to open the Dialling screen. • Press to make or answer a call. • Press and hold to activate the speakerphone feature during a call.
	• Press to end a call. • Press to close the current menu and return to the previous menu or screen. • Press and hold to lock the keys.
	Press to enter numbers, characters, and symbols.
	Press to delete characters.
	Press to use characters on the upper half of the keys in a text input field for once.
	• Press to confirm your selection or input. • Press to start a new line in a text input field.
	Press to change case in a text input field.
	Press to switch the text input mode to 123 mode and then back to the previous mode.
	• Press to change the text input mode. • Press as a wildcard in place of the unknown letter when you searching for a contact card in Contacts.

Key	Description
	• Press to enter a space between characters. • Press and hold to insert an international call prefix.
	Press and hold to activate or deactivate the Silent profile from the Home screen.
	Press to open the Messaging program.
	• Press to adjust the audio volume. • Press to mute the call ringer as a call comes in. Press and hold to reject a call.
	• Press to return to the previous screen. • Press and hold to open a specified program.
	• Turn the wheel to scroll through a list. • Press to confirm your selection or input. • Press and hold to open the quick launcher.

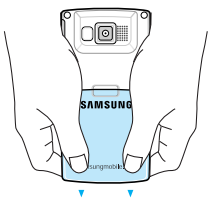
Installing the SIM card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, any optional services available, and many other details.

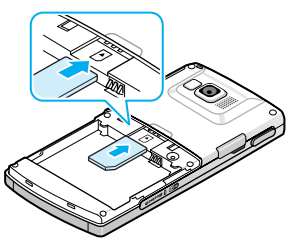
- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling the card.
- When installing the SIM card, always make sure that the device is switched off before you remove the battery.

Inserting the SIM card

1. Remove the battery cover.



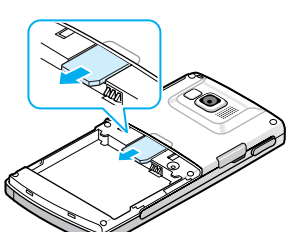
2. Insert and slide the SIM card, as shown, ensuring that the gold-coloured contacts of the card are face down.



Continue to install the battery. See the next page.

Removing the SIM card

To remove the SIM card, slide the card out of the holder, as shown.

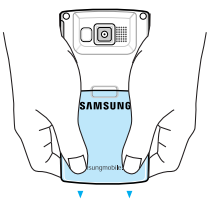


Installing the battery

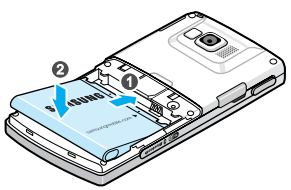
Your device is powered by a rechargeable Li-Ion battery.

Installing the battery

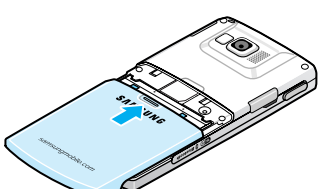
1. Remove the battery cover, if necessary.



2. Insert the battery into the battery compartment, as shown.



3. Reattach the battery cover.



Removing the battery

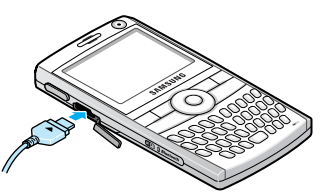
1. If necessary, press and hold [⏻] (located at the top-left of your device) until the power-off image displays.
2. Remove the battery cover.
3. Lift the battery away from the device.

Charging your device

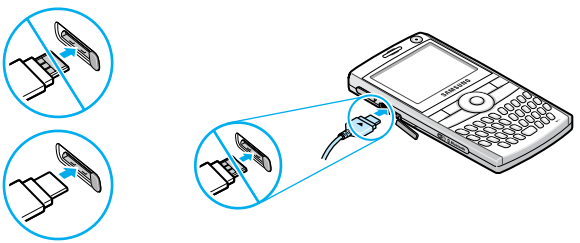
Your phone is powered by a rechargeable Li-ion battery. Use the travel adapter to charge the battery, and use only Samsung approved batteries and chargers. Use of the wrong adaptor could damage your phone and void your warranty.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 200 minutes. You can use the phone while the battery is charging, but this causes the phone to charge more slowly.

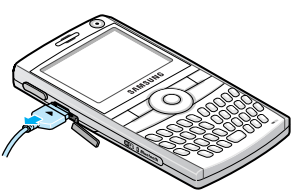
1. Plug the connector of the travel adapter into the jack on the left side of the device.



Note: The following illustration shows the correct and incorrect method for connecting the adapter. Verify the arrow on the adapter is showing and pointing to the device for a correct connection. If it is not, damage to the accessory port will occur therefore voiding the device's warranty.



2. Plug the travel adapter into a standard AC power outlet. When charging is finished, unplug the adapter from the power outlet.
3. Remove the travel adapter from the device.



Note: Do not remove the battery while charging. It may cause malfunctions and may damage the device.

Low battery warning

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and the "Main Battery very low" message repeats at regular intervals on the display and the battery icon ( ) displays. The backlight turns off to conserve the remaining battery power.

When the battery level becomes too low, the device automatically turns off.

Turning your device on or off

Press and hold ⏻ to turn on your device. The device is logged into your home network and receives the signal from the network. You can now make or answer calls and use programs on the device.

To turn off the device, press and hold ⏻.

Note: Your device supports HSDPA (High-Speed Downlink Packet Access) connections. Because the HSDPA network configurations are different from country to country, a notification may appear to indicate that your HSDPA options have changed if you move across the boundaries between countries. To apply the new changes, you must restart your device. If you do not, making or receiving calls and transmitting data simultaneously may not work. In some countries, incoming and outgoing voice calls may be limited until the HSDPA networks are upgraded.

chapter 2

The basics

This chapter explains basic information about using your device, such as customising your device and using online help.

Using the Home screen

When you turn on your device, the Home screen, the device's idle screen, appears. You can also access this screen by pressing [⌂] from any program.

Status bar

On the top line of the screen, the status bar displays icons to show your device's current status. Followings are some of the status icons you may see:

Icon	Description
	Shows the strength of the signal. You can also view the following service status: • : You are out of your service area. • : The phone functions are turned off.
	Appears when a call is in progress.
	Appears when the current call is on hold.
G	Appears when a GPRS connection is available in the network. When a GPRS connection is active, appears.
E	Appears when a EDGE connection is available in the network. When a EDGE connection is active, appears.

Icon	Description
3G	Appears when a 3G (UMTS) connection is available in the network. When a 3G (UMTS) connection is active, appears.
H	Appears when a HSDPA connection is available in the network. When a HSDPA connection is active, appears.
	Appears when you are roaming out of your home service area and logged onto a different GPRS, EDGE, 3G(UMTS) or HSDPA network.
	Appears when Wi-Fi is activated. It also indicates the Wi-Fi connection status: • : The device is connecting to a Wi-Fi network. • : A data call is in progress via a Wi-Fi connection.
	Shows the level of your battery power. The more bars you see, the more power you have remaining. When the battery level is very low, appears.
	Appears when the ring type has been set to **Silent** in the current profile or the ring tone has been set to **None** in Sounds. For details, see page 27.

Icon	Description
	Appears when the ring type has been set to **Vibrate** in the current profile or the ring tone has been set to **Vibrate** in Sounds. Also, appears when the Silent profile is activated. For details, see page 27.
1/2	Indicates that you can make calls using phone line 1 or 2 (network service).
	Appears when you are roaming outside of your home area and logged onto a different network.
	Appears when Bluetooth is activated. For details, see page 138.
	Appears when a Bluetooth headset is connected to the device.
	Appears when an error occurs during synchronisation.
	Appears when a text (SMS) or multimedia (MMS) message has been received.
	Appears when an instant message has been received.
	Appears when a new voicemail has been received. • : A new voicemail from line 1. • : A new voicemail from line 2. • : A new voicemail from both lines.
	Appears when there is a call you have missed.
	Appears when you have set incoming calls to be diverted to another destination.

Accessing information from the Home screen

From the Home screen, you can:

- check the service status and the current time and date
- view upcoming appointments
- view unread messages
- access your contact List
- access the most recently accessed programs
- change the profile option

To access information from the Home screen:

1. From the Home screen, scroll to the item you want by pressing the Navigation keys or sliding the thumbwheel, and press OK.
2. Access items in the selected program.

   For more information on these items, see the appropriate instructions for each task in this guide.
3. Press or to return to the Home screen.

Customising the Home screen

You can customise the Home screen according to your preferences.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Display** → **Home Screen**.

3. Press the Up or Down Navigation key to scroll to an option, and press the Left or Right Navigation key to change the setting.

   The following options are available:

   - **Home screen layout**: Select the layout to be used for the Home screen.

   Note: The Card Wheel layout may not display all information or allow you to access all files.

   - **Colour scheme**: Select the colour scheme to be used for the Home screen.
   - **Background image**: Select an image to use as a background image on the Home screen.
   - **Time out**: Specify the length of time the device waits before returning the display to the Home screen if the device is not used.

4. When you have finished, press the **Done** soft key.

Note: Depending on your SIM card, the phone may display the names of the PLMN (Public Land Mobile Network) and the SPN (Service Provider Name). However, only Samsung themes, such as Samsung Simple, Popup, Calendar, and Clock, will display both of them at the same time. Other themes will display either the PLMN or the SPN, according to the SIM card settings.

Start menu screen

On the Start menu, you can access all of the programs in your device. On the Home screen, press the **Start** soft key to open the Start menu screen.

You can change the start menu type. Press the **Start** soft key, and select **Settings** → **Display** → **Start Menu Style**. Then select the option you want.

Opening programs or folders

Scroll to a program or a folder by pressing the Navigation keys and press OK to open it.

Switching between programs

Your device is a multi-tasking device. You can run multiple programs at the same time and switch from one program to another. From any program, press or to switch to the Home screen. Then access another program from the Start menu or quick launcher.

Closing programs

Using Task Manager, you can end the programs which are currently open.

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Utilities** → **Task Manager**.
3. Scroll to a program, press the **Stop** soft key. To close all of the running programs, press the **Menu** soft key and select **Stop all**.

Entering text

Your device is equipped with a Full keyboard to support easy and quick text input. You can enter text as you would when using a computer's keyboard.

The keys are labelled with alphabet on the lower half and numbers and symbols on the upper half. Press the key corresponding to the character you want to enter. To switch between using the upper case characters and lower case characters, press Shift.

You can move the cursor by pressing the Navigation keys. To delete a character, press ⊃.

In addition, you can use the following function keys:

- ←: deletes characters.
- ↵: starts a new line.
- Shift: change the text input mode to Upper/Lower case mode.
- *: allows you to change the text input mode. You can switch between ABC mode and T9 mode in which displays the word choices for your key presses. 123 mode and Symbol mode are also available for entering numbers and symbols. Using the **Languages** option, you can change the language for T9 mode.
- 123: switches to 123 mode.
- #: press to switch to Symbol mode.

Customising your device

You can customise the phone settings to suit the way you work.

Operator Settings

Use this menu to set a service provider according to the USIM/SIM card you are using. First, you have to terminate a data call. You can then see the profiles corresponding to the service provider in the connection menus.

This menu may not be shown depending on your service provider.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Operator settings**.
3. Select the option you want in each field.
4. When you have finished, press the **Done** soft key.

Regional settings

You can change number, currency, and time and date formats appropriate to the countries in question.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Regional Settings**.
3. Select the option you want in each field.
4. When you have finished, press the **Done** soft key.
5. If you changed the **Language** or **Locale** option, press the **Done** soft key.

Then you need to turn the device off and then back on to make your changes take effect.

Time and date settings

The **Date and Time** setting enables you to set the date, time, and time zone.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Date and Time**.
3. Select your time zone and set the current date and time.

   You can also enable **Time zone updating** by using the Left or Right Navigation key.
4. When you have finished, press the **Done** soft key.

Note: You can change the time and date format to be displayed in **Regional Settings**.

Power settings

You can conserve battery power by adjusting the time-out settings for the display and the backlight of the keypad and display or adjusting the display brightness.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Power Management**.
3. Select the power settings:
   - **Battery**: You can check the remaining battery power.

- **Backlight time out on battery**: You can select the length of time the display backlight stays on when you do not use the device.
- **Backlight time out on AC**: You can select the length of time the display backlight stays on while charging.
- **Display time out**: You can select the length of time the display stays on. During standby, the device goes to Sleep mode after a specified period of time, so very little power is being consumed.
- **Display brightness**: You can adjust the brightness for the display.
- **Keypad backlight on**: Choose from **Any time** or **Custom time**. If you have chosen **Custom time**, enter the starting time and ending time for the keypad to work.

4. When you have finished, press the **Done** soft key.

Accessibility settings

You can configure the options to increase the accessibility to your device's functions.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Accessibility**.
3. Select the options you want.
   - **System font size**: You can set the size of the font on your screen.
   - **Confirmation time out**: You can set the delay before an unconfirmed action times out.
4. When you have finished, press the **Done** soft key.

Sound settings

You can customise sound settings for various events on the device.

Setting sounds and notifications

Your device reminds you in various ways when you have something to do, receive a message, or press the keys on the device. For example, if you have set up an appointment, you are notified in any of the following ways:

- A sound, which you can specify, plays.
- Your device vibrates.

You can change device sounds by choosing types or sounds for each event.

To choose a ringtone for the call ringer:

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Sounds** → **Ring tone**.
3. Select the ringtone you want.
4. Press the **Done** soft key.

To choose reminder types and sounds:

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Sounds** → **Other Sounds**.
3. Select the event for which to specify a sound.
4. Select the reminder type or ringtone.
5. When you have finished, press the **Done** soft key.

Notes:
- You can connect to the Internet and then download ringtones that are in a .wav or .mid format.
- To use an .mp3 or .wma file as your call ringtone, it must be saved in a Storage or Storage Card folder.

Changing the sound profile

Using Profiles, you can adjust and customise the device tones for different events or environments and then apply the settings as a group. The currently selected profile displays on the Home screen.

To change profiles:

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Profiles**. The list of profiles opens.
3. Select the profile you want.

   If you select **Automatic**, the profile will automatically switch between **Normal** and **Meeting** according to your calendar items.

Notes:
- You can quickly change the profile. Press [0] and select the profile you want from the Quick List.
- Press and hold [#] from the Home screen to quickly activate or deactivate the Silent profile.

To customise profiles:

1. On the Profiles screen, scroll to the profile you want.

2. Press the **Menu** soft key and select **Edit**.
3. Change the settings in each field. Available options may differ depending on the selected profile.
4. When you have finished, press the **Done** soft key.

Notes:
- To change all profile settings to their factory default, press the **Menu** soft key from the profile list and select **Reset to default**.
- For the Headset profile, when you set the ring type to **Silent** or **Vibrate**, you must manually answer calls even if the **Auto-answer in** option is activated.

Owner information

Owner Information identifies the owner or user of the device. Set your contact information in case you have lost the device.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **More...** → **Owner Information**.
3. Fill in each input field.
4. When you have finished, press the **Done** soft key.

Error reporting setting

Your device has the Error Reporting function which informs you of errors in a program that can give a crash to the device system. You can enable or disable this function.

1. On the Home screen, press the **Start** soft key.

2. Select **Settings** → **More...** → **More...** → **Error Reporting**.

3. Select **Enable** or **Disable** and press the **Done** soft key.

Security settings

With options in Security, you can protect your device and SIM card from unauthorised use.

Locking the device

You can protect your device using the Device Lock feature. Once the feature is enabled, your device is automatically locked after the specified period of inactivity.

Note: Even if the device is locked, you will be able to receive calls.

To lock the device:

1. On the Home screen, press the **Start** soft key.

2. Select **Settings** → **More...** → **Security** → **Device Lock**.

3. Select **Prompt if device unused for** and select a length of time the device waits for before locking itself when it is not in use.

4. Scroll to the **Password type** field and select a password type.
   - **Simple PIN**: Use a numeric password. A password must be more than 4 characters.

- **Strong alphanumeric**: Use an alphanumeric password. A password must be more than 7 characters and contain at least 3 of uppercase and lowercase letters, numbers, or punctuation marks.

5. Enter a password in the **Password** field.
6. Re-enter the same password in the **Confirm password** field for confirmation.
7. Press the **Done** soft key.
8. Press the **Yes** soft key.

Note: Press [⏻] and select **Device lock** from the Quick List to manually lock the device.

To unlock your device:

1. On the Home screen, press the **Unlock** soft key.
2. Enter the password and press the **Done** soft key.

Activating the SIM PIN

When SIM PIN is enabled, you must enter your PIN supplied with your device each time you turn the device on or insert the current SIM card into another device. Consequently, any person who does not have your PIN cannot use your device without your approval.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **Enable SIM PIN**.
3. Enter the PIN and press the **Done** soft key.

Locking the SIM card

When SIM Lock is enabled, your device works only with the current SIM card. To use another SIM card, you must enter the SIM lock password.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **Enable SIM Lock**.
3. Enter a password for your SIM card and press the **Done** soft key.
4. Re-enter the password for confirmation and press the **Done** soft key.

Changing PIN2

A PIN 2 is used for certain functions supported by the SIM card. You can change the PIN2 supplied with your SIM card to a new one.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **Change PIN2**.
3. Enter the current PIN2 in the **Old PIN** field, then a new PIN in the **New PIN** field, and re-enter the new PIN in the **Confirm new PIN** field.
4. Press the **Done** soft key.

Changing the call barring Password

You can change the default call barring password supplied by your service provider.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **Change Barring Password**.
3. Enter the old password, then a new password, and re-enter the new one for confirmation.
4. Press the **Done** soft key.

Side key setting

You can change the program assigned to the user-defined function key, , to your favourite program.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Side Key Settings**.
3. Select the program you want.
4. Press the **Done** soft key.

Menu shortcut settings

If you have set the Start menu style to **List**, then number keys can be used as shortcut keys to directly access specific programs that exist in the Start menu.

Note: You can also assign phone numbers, e-mail addresses, or web pages in Contacts to the number keys as speed dial entries. For details about setting the speed dial list, see page 60.

Assigning a shortcut to a key

1. On the Home screen, press the **Start** soft key.
2. Scroll to the program you want to assign to a key.
3. Press the **Menu** soft key and select **Add Speed Dial**.
4. If necessary, enter the name you want in the **Name** field.
5. Select a location in the **Keypad assignment** field and press the **Done** soft key.

Accessing a menu using its shortcut

On the Home screen, use one of the following ways:

- For one-digit shortcut keys, press and hold the number key.
- For two-digit shortcut keys, press the first number key and then press and hold the last number key.

Using the quick launcher

Your device provides you with the quick launcher, which allows you to set up shortcuts to your favourite programs, website, files, or folders, and quickly access them.

To open the quick launcher:

In Idle mode, press and hold the thumbwheel. The quick launcher window appears on the right side of the display.

Adding items to the quick launcher

1. From the quick launcher window, select the **Edit** icon ().
2. Press the **Menu** soft key and select **Add** → a type of item to be added.
3. Select a program, bookmark, file, or folder.
4. Repeat steps 2 and 3 to add other items.
5. Press the **Done** soft key.

Accessing items from the quick launcher

From the quick launcher window, press the Up or Down Navigation key to scroll to the item you want and press OK.

Changing the order of the quick launcher window

1. From the quick launcher window, select the **Edit** icon ( ).
2. Scroll to the item you want.
3. Press the **Menu** soft key and select **Move**.
4. Press the Up or Down Navigation key to move the selected item to the position you want.
5. Press the **Done** soft key.

Removing items from the quick launcher

1. From the quick launcher window, select the **Edit** icon ().
2. Scroll to the item you want.
3. Press the **Menu** soft key and select **Delete**.
4. Press the **OK** soft key to confirm the deletion.
5. Press the **Done** soft key.

Searching for items

Your device provides a search program, Smart Search, to allow you to easily search for data or media files in your device and quickly access them.

Searching for an item

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Utilities** → **SmartSearch**.
3. Enter the first few letters of an item name in the **Find** field and select an item type in the **Type** field.
4. Select **Match case** and/or **Match whole word** to allow the device to search for the matching items more quickly.
5. Press the **Go** soft key. The device searches its file directory or programs and lists all matching items.
6. Scroll to the one you want and press the **Open** soft key.

Setting up the search options

You can change the search options for each item type to provide the device with more specific information to narrow the search items.

1. From the Smart Search screen, press the **Menu** soft key and select **Options**.

2. Select the item type you want and set each option.
   - **Contact**: Select the types of contact information you want to include in your search.
   - **Appointment**: Select whether to include notes, or set a date for the device to search for appointments.
   - **Task**: Select whether to include notes in your search.
   - **SMS**: Select the types of message information you want to include in your search, or set a date for the device to search for text messages.
   - **E-mail**: Select the types of e-mail information you want to include in your search, or set a date for the device to search for e-mail messages.
   - **Phone call**: Select the types of calls you want to include in your search.
   - **File name**: Select the storage locations you want to include in your search.

3. When you have finished, press the **Done** soft key.

Locking the keys

You can lock the keys on the device to keep any accidental key presses from causing a program's launch or device switch on or off.

- To lock the keypad, press and hold , or press and select **Key lock**.
- To unlock the keypad, press the **Unlock** soft key and then press .

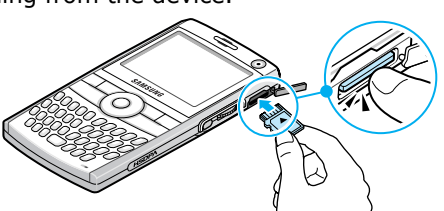
Using an optional memory card

Your device has an expansion slot compatible with microSD memory cards, which are primarily used to back up or transfer files and data.

Note: Use only compatible memory cards with your device. Using incompatible memory cards, such as Secure Digital (SD) cards, may damage the card, as well as the device, and data stored on the card.

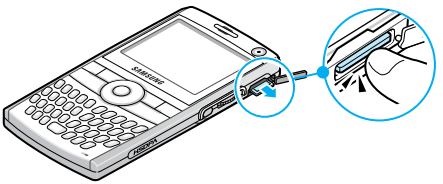
Inserting the memory card

Push the memory card into the slot with the label side face down until it clicks into place. The card is secure when it is not protruding from the device.



Removing the memory card

Push the memory card in and release so that it is disengaged from the slot. Then remove the card from the device.



Adding and removing programs

You can install any program created for your device, as long as the device has enough memory. The most popular place to find software for your device is on the Microsoft web site (http://www.microsoft.com/windowsmobile/catalog/cataloghome.aspx).

Adding programs using ActiveSync

You can install programs downloaded from the Internet or included on the supplied software CD-ROM by performing synchronisation between your device and your computer.

First you need to determine what your device and processor type is so that you know which version of the software to install.

1. On the Home screen, press the **Start** soft key and select **Settings** → **More...** → **More...** → **About**. Check the version of your device.

2. Download a program to your computer from the Internet or insert the CD-ROM that contains the program into your computer.

   Be sure to select the program designed for your device and the device's processor type.

3. Read any installation instructions, Read Me files, or documentation that comes with the program.

4. Connect your device to your computer and make sure that the ActiveSync is running.

   For more information on ActiveSync, see page 45.

5. Double-click the *.exe file on the computer.

   If the file is an installer, the installation wizard will begin. Follow the instructions on the screen. Once the software has been installed, the installer will automatically transfer the software to your device.

   If the file is not an installer, you will see an error message. You need to move this file to your device by using ActiveSync Explore to copy the program file to the **Windows\Start Menu** folder on your device.

   Once installation is completed, you can view and open the program by accessing the **Start** menu.

Adding a program directly from the Internet

First you need to determine what your device and processor type is so that you know which version of the software to install.

1. On the Home screen, press the **Start** soft key and select **Settings** → **More...** → **More...** → **About**. Check the version of your device.
2. Download the program to your device straight from the Internet using Internet Explorer.

   Be sure to select the program designed for your device and the device's processor type.
3. Read any installation instructions, Read Me files, or documentation that comes with the program.
4. Select the file, such as a *.xip or *.exe file. The installation wizard will begin.
5. Follow the directions on the screen.

Once installation is completed, you can view and open the program by accessing the Start menu.

Removing programs

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Remove Programs**.
3. Scroll to the program you want to delete.
4. Press the **Menu** soft key and select **Remove**.
5. Press the **Yes** soft key to confirm the deletion.

6. When you have finished, press the **OK** soft key.

Managing certificates

On your device you can add and delete public key certificates. You can store the following two types of certificates on your device.

- **Personal**: help to establish your identity, when you log on to a secured network, such as a corporate network.
- **Root**: help to establish the identity of servers with which you connect. This helps to prevent unauthorised users from accessing your device and information.

Viewing certificates

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **Certificates** → a certificate type.
3. Select the certificate to view more details.

Deleting a certificate

1. Scroll to the certificate you want on the list.
2. Press the **Menu** soft key and select **Delete**.
3. Press the **Yes** soft key to confirm the deletion.

Resetting your device

You can reset your device's settings and clear all added data from memory.

Resetting the device

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **More...** → **Reset**.
3. Enter the reset password and press the **Done** soft key. The default password is "0000."
4. Press the **Yes** soft key to confirm the reset.
5. Press the **Yes** soft key to confirm deleting DRM files. The device resets and reboots itself.

Changing the reset password

You can change the reset password to prevent the device from being reset by unauthorised people.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Security** → **More...** → **Change Reset Password**.
3. Enter the old password, then a new password, and re-enter the new one for confirmation.
4. Press the **Done** soft key.

Using online help

Your device is supported by additional information available online, or on the CD-ROM that came with your device.

For information on:	see:
additional programs that can be installed on your device,	the supplied CD-ROM.
connecting to and synchronising with a PC,	Chapter 3 in this User's Guide or ActiveSync Help on your PC. To view the ActiveSync help, click the ActiveSync icon on the Windows task bar.
up-to-date information on your device,	http://www.microsoft.com/windowsmobile/help/smartphone/default.mspx

chapter 3

Synchronisation

Using Microsoft® ActiveSync®, you can synchronise data on your desktop computer with the data on your device. Synchronisation compares the data on your device with your desktop computer and updates both your device and computer with the latest data.

With ActiveSync, you can:

- Keep Contacts, Calendar, Tasks, or Inbox data up-to-date by synchronising your device with Microsoft Outlook data on your desktop computer.
- Copy (rather than synchronise) files between your device and desktop computer.
- Control the moment when synchronisation occurs by selecting a synchronisation mode.
- Select data types to be synchronised and control the amount of synchronised data.

WARNING!

- ActiveSync synchronises two devices using the latest data. Therefore, if you delete some specific data from the device after synchronisation, and then perform a synchronisation again, the corresponding data on the computer will be deleted. Be careful not to lose important data.
- If you turn off the device after copying files to any folders, except for the Storage folder, using ActiveSync, all files in those folders will be deleted. Store important files in the Storage folder to prevent from being deleted.

Installing ActiveSync

Before beginning synchronisation, you must install ActiveSync on your desktop computer using the supplied CD-ROM. You can also download the latest version of ActiveSync from the Microsoft web site (http://www.microsoft.com).

1. Insert the CD-ROM into the CD-ROM drive of your desktop computer. Alternatively, double-click the downloaded ActiveSync installer.
2. Follow the instructions on the screen for installing Microsoft ActiveSync.

   When installation is completed, the Synchronisation Setup Wizard helps you to connect your device to your desktop computer, to set up a partnership.
3. Follow the instructions on the screen.

Note: See page 47 for more information on connecting the device and a computer.

Your first synchronisation process will automatically begin when your device is connected to the computer. After the first synchronisation, take a look at Contacts, Calendar, and Tasks on your device. You will notice that your information has been copied to the device.

Customising connection settings

To establish a connection between your computer and the device, you must enable the connections you want to use in the ActiveSync program. By default, all connections are enabled.

1. From the ActiveSync window on your computer, select **File** → **Connection Settings...**
2. Change the connection settings.
3. Click **OK**.

Connecting your device to a computer

To connect the device to your computer, you can choose one of the following ways:

- Using a PC data cable
- Using a Bluetooth connection

Connecting with a PC data cable

Connect one end of the PC data cable to the jack on the left side of the device and the other end to the USB port on your computer.

Note: USB mode of your device must be set for ActiveSync. Press the **Start** soft key and select **Settings** → **More...** → **Connections** → **More...** → **USB**. Then change the mode.

The connection is established and the Microsoft ActiveSync window appears. The synchronisation automatically begins.

Notes:
- When an error occurs with a USB connection, activate the DHCP Client service, or deactivate the firewall or VPN environment.
- USB hubs and laptop docking stations have not exhibited consistent stability with Windows Mobile-powered devices and ActiveSync. You can connect the device to the PC USB ports if you experience connection drops or an inability to connect through a USB hub or docking station.

Connecting via Bluetooth

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **ActiveSync**.
3. Press the **Menu** soft key and select **Connect via Bluetooth**.
4. Press the **Yes** soft key, if you are connecting to a computer via Bluetooth for the first time.
5. Select **Add new device...** to search for a new Bluetooth-compatible devices.
6. Select your Bluetooth-compatible computer to pair the device with the computer.
7. Enter a Bluetooth passcode and press the **Next** soft key. This passcode is used just once and you do not need to memorise it.

When you enter the same passcode on your computer, paring is finished.

8. Enter a display name for the computer and press the **Next** soft key.

9. Check the services you want to use and press the **Done** soft key.

> **Note**: **ActiveSync** must be checked on the service list. If **Serial Port** is available, instead, on the list, select it and make sure that a correct Bluetooth COM port is selected from the Connection Settings on the PC ActiveSync.

10. Press the **Done** soft key.

11. Press the **Menu** soft key and select **Connect via Bluetooth**.

Synchronising information

To begin synchronisation, connect your device to your computer. For more information on connecting the device and the computer, see page 47. The Microsoft ActiveSync window on your computer automatically appears and synchronisation starts.

Once the synchronisation is completed, the device stays connected to the computer. If any change is made, ActiveSync automatically will begin synchronisation. To begin synchronisation, press the **Sync** soft key in ActiveSync on your device.

You can open the device's file directory by clicking **Explore** from the Microsoft ActiveSync window. You can then copy

files quickly and easily from the device to the computer, or vice versa.

Note: To synchronise Bluetooth devices with a compatible computer, the computer must have the Bluetooth stack for Windows XP Service Pack 2.

Customising synchronisation settings

You can customise various setting options for synchronisation with a computer and a server, and set the synchronisation schedule.

First, you must terminate the connection between your device and computer. Disconnect the PC data cable or remove the device from the Bluetooth range.

Changing PC settings

1. In ActiveSync on your device, press the **Menu** soft key and select **Options**.
2. Highlight **Windows PC**.
3. Press the **Menu** soft key and select **Settings**.
4. Change the computer name, set how to handle a data conflict between your device and computer, and set an event logging type.
5. Press the **Done** soft key.
6. Select the data types to be synchronised.

7. Press the **Done** soft key.

Note: For more information on the conditions that must be met on the computer and how to change synchronisation options, see ActiveSync Help.

Setting server synchronisation

You can synchronise information automatically as items arrive only if your company runs Microsoft Exchange Server with Exchange ActiveSync.

Configuring an Exchange Server connection

1. In ActiveSync on your device, press the **Menu** soft key and select **Add Server Source**.
2. Enter the server address and select **This server requires an encrypted (SSL) connection** to use an SSL protocol for server access.
3. Press the **Next** soft key.
4. Enter your Microsoft Exchange user name, password, and domain name.

   To save the password for subsequent accesses, select **Save password**.
5. Press the **Next** soft key.
6. Select data types to be synchronised.
7. Press the **Menu** soft key to access the following options:
   - **Settings**: You can set the options for handling data for each data type.

- **Advanced**: You can set how to handle a data conflict between your device and computer, and set an event logging type.
- **Back**: You can return to the previous step.

8. When you have finished, press the **Finish** soft key.

Changing the synchronisation schedule

You can schedule synchronisation with the Microsoft Exchange Server on two separate times. Use the peak time schedule to synchronise during working hours or other times when you experience higher mail volumes. Use the off-peak time schedule to synchronise during times when you experience lower mail volumes.

1. In ActiveSync on your device, press the **Menu** soft key and select **Schedule**.

2. Set each option:
   - To synchronise periodically during peak times, select a frequency of synchronisation in the **Peak times** field.
   - To synchronise periodically during off-peak times, select a frequency of synchronisation in the **Off-peak times** field.
   - To use the peak time and off-peak time setting while roaming, select **Use above settings when roaming**.
   - To synchronise each time you send an e-mail, select **Send outgoing items immediately**.
   - To set the days and hours for peak times, press the **Menu** soft key and select **Peak Times**.

3. When you have finished, press the **Done** soft key.

chapter 4

Call functions

This chapter explains all of the call functions provided by your device.

Turning the phone functions on and off

You can choose to turn off the phone functions and just use the PDA functions at any time and then turn it back on when you want.

Note: In many countries you may be required by law to turn off the phone functions while on a flight. To turn off the display of your device does not actually turn off the phone functions; you must turn off your wireless connection to your operator's network.

To turn off the phone functions, press [⏻] and select **Wireless Manager**. Then select **Phone** to set it to **Off**. appears on the top right corner of the screen.

To turn back on the phone functions, select **Phone** to set it to **On** from the Wireless Manager screen.

Using the Dialling screen

When you press [📞], the Dialling screen opens. You can view the most recent calls you have dialled, received, and missed on the screen.

When you enter a digit, the Dialling screen lists all of the numbers containing the entered digit in Contacts and Call History, as well as the phone number assigned to the corresponding speed dial key.

Making a call

You can make a phone call using the number keypad. As well as normal voice calls, you can make video conference calls in a 3G (UMTS) network.

To make a voice call:

1. On the Home screen, enter a number including an area code.

   Note: If you press (O), (P), (L), (Q), (W), (A), (S), or (Z), the device will display the contact names containing the corresponding alphabet.

2. Press to make a call.

   When a call is connected, the call duration displays. During a call, you can use several call options. For details, see page 58.

   To adjust the audio volume during a call, press /U to increase or decrease the volume level.

3. Press to end the call.

To make a video call:

1. From the Home screen, enter a number including an area code.
2. Press the **Menu** soft key and select **Video call**.

Advanced calling features

You can make a call from Contacts, Speed Dial, and Call History.

Making a call from Contacts

1. On the Home screen, press the **Contacts** soft key. You can also press the **Start** soft key and select **Contacts**.
2. Select a contact card from the contact list.
3. Scroll to the number you want.
4. Press for a voice call, or press the **Menu** soft key and select **Video call** for a video call.

Making a call from Speed Dial

Speed Dial is a list you can create of often-dialled numbers. Information on adding a number to Speed Dial is detailed on page 60.

By memorising the position on the Speed Dial list, you can dial the number simply by entering that number of the Speed Dial key. The phone number assigned to the key appears on the Dialling screen.

Alternatively, if you do not remember the position of a number, access the Speed Dial list:

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **Speed Dial**.

3. Scroll to the number you want.
4. Press for a voice call, or press the **Menu** soft key and select **Video call** for a video call.

Making a call from Call History

1. On the Home screen, press the **Start** soft key.
2. Select **Call History**. The recent call list appears.

Note: and are for incoming calls, and are for outgoing calls, and and are for missed calls.

To view the calls categorised by call type, press the **Menu** soft key, select **Filter**, and select a category from the pop-up list.

3. Scroll to the number you want.
4. Press for a voice call, or press the **Menu** soft key and select **Video call** for a video call.

Making an international call

1. Press and hold until the **+** sign appears. The **+** replaces the international access code.
2. Enter the full phone number you want to dial. It includes the country code, the area code (without the leading zero), and the phone number.
3. Press .

Note: You can set the country or dialling code to be added before the number when dialling. See page 64.

Making an emergency call

Your device provides the emergency number **112**. This number can normally be used to make an emergency call in any country, with or without a SIM card inserted, if you are within a mobile phone network's service area.

Enter the emergency number **112** and press .

Notes:
- Some service providers may require a SIM card to be inserted, and in some cases the PIN to be entered as well.
- In some cases, other emergency numbers may also be accessed. Your service provider may save additional local emergency numbers on the SIM card.

Answering or ignoring a call

When a call comes in and the device rings or vibrates, depending on the ringer setting:

- Press the **Answer** soft key or to answer the call.
- Press the **Ignore** soft key or press to reject the call. You can also press and hold / to reject the call.

  Note: If you reject a call, the busy tone is sent out. Depending on your service provider, the caller may be guided to your voicemail server.

- Press / to mute the ringer.

Options during a call

Your device provides a number of control functions that you can use while a call is in progress.

Answering a second call

If a person is trying to call you when you are talking on the device, a notification window will pop out.

1. Press the **Answer** soft key or to answer the second call and put the first on hold.
2. To switch back and forth between the two callers, press the **Swap** soft key.
3. To end the second call and go back to the first, press .

Using In-call options

During a call, you can access various options by pressing the **Menu** soft key.

For a voice call, the following options are available:

- **Hold**: places the current call on hold.
- **Swap**: switches back and forth between the two callers.
- **Mute**/**Unmute**: turns off the microphone so that the person with whom you are speaking cannot hear you, or turns it back on.
- **Speakerphone On**/**Off**: turns on the speakerphone mode to talk and listen with the device a short distance away.

- **Conference**: makes a conference call when you have an active call and a call on hold. You can have a conversation with up to 5 people at the same time.
- **Private**: allows you to have a private conversation with the selected conference call participant.
- **Contacts**: opens the contact list.
- **Turn handsfree on/off**: switches the current call to the connected hands-free car kit or headset, or switches it back to the device.
- **Save to Contacts**: saves the phone number of the person with whom you are speaking.
- **View Contact**: opens the contact details, if the dialled number is stored in Contact.
- **View Calendar**: opens the calendar.
- **Call History**: opens the call history list.

For a video call, the following options are available:

- **Mute**/**Unmute**: turns off the microphone, or turn it back on.
- **Speakerphone on**/**off**: turns on the speakerphone mode to talk and listen with the device a short distance away.
- **Switch to BT headset**/**Switch to phone**: switches the current call to the connected Bluetooth headset, or switches it back to the device. For details about Bluetooth connections, see page 138.
- **Save to Contacts**: saves the phone number of the person with whom you are speaking.
- **Display**: allows you to change the effect or quality of the camera image.

- **Advanced**: allows you to send the DTMF tones of numbers or a file to the person with whom you are speaking.
- **Switch to voice call**: turns off the camera and switches the call to a voice call.
- **Options**: allows you to change the options for video calls. For details, see page 67.

Call-related features

Checking your voicemail

The first speed dial location is assigned to your voicemail box by default. When you insert your SIM card into the device, it automatically detects and sets as default the voicemail centre number of your mobile service provider.

To check your voicemail, press and hold 1 from the Dialling screen.

Note: You can check and change the voicemail centre number. See page 64.

Managing the Speed Dial list

You can assign frequently-used phone numbers, e-mail addresses, or web pages in Contacts to the speed dial location 2 through 99. The location 0 and 1 on the Speed Dial list are preset for the international call prefix and the voicemail centre number, respectively.

Adding a contact to the Speed Dial list

1. On the Home screen, press the **Contacts** soft key. You can also press the **Start** soft key and select **Contacts**.
2. Select a contact from the list.
3. Scroll to a number, e-mail address, or web page address.
4. Press the **Menu** soft key and select **Add to Speed Dial**.
5. If necessary, enter the name you want.
6. In the **Keypad assignment** field, select a location.
7. Press the **Done** soft key.

Deleting Speed Dial assignments

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **Speed Dial**.
3. On the Speed Dial list, select an entry.
4. Press the **Menu** soft key and select **Delete**.
5. Press the **Yes** soft key to confirm the deletion.

Managing your Call History

Call History details all incoming, outgoing, and missed calls, and also provides a summary of total calls. It can also tell you when a call was initiated and how long it lasted.

To open Call History:

On the Home screen, press the **Start** soft key and select **Call History**. A list of all calls appears.

If necessary, select the category of the call history to be displayed by pressing the **Menu** soft key and selecting **Filter**.

Viewing details of calls

- To view the duration of a call and time and date you received or made it, scroll to the call you want to view and press OK.
- To save the phone number of a call to Contacts, scroll to the call you want and press the **Save** soft key.
- To view contact information, press the **Menu** soft key and select **Find Contact**.
- To send an SMS message, press the **Menu** soft key and select **Send Text Message**.
- To send an e-mail message, press the **Menu** soft key and select **Email**.
- To delete an individual call, press the **Menu** soft key and then select **Delete**. To delete all calls, select **Delete List**.

Viewing call timers

In Call History, you can view the duration of your calls. This option is convenient for estimating your usage.

1. On the Call History screen, press the **Menu** soft key and select **View Timers**.

   You can view the total call time, the last call time, the time of calls you received or made, including roaming calls and data calls, and a lifetime counter. You can also view the time you reset the call time.

2. Press the **Done** soft key.

To erase the call time records, except for **Lifetime calls**, press the **Menu** soft key, select **Reset Timers**, and press the **Yes** soft key.

Customising your phone functions

You can personalise the settings of the phone functions, the services you have, and the network to which you have connected.

Accessing the Phone setting options

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **Phone**.
3. Select a setting menu, and then set each option.
4. When you have finished, press the **Done** soft key.

Available setting options

All Calls

- **Band Selection**: This option allows you to select the network band in which your device will operate.
- **Call Options**: You can customise settings related to call functions, such as an answering option, voicemail and SMS access numbers, and auto dial codes.

  Any key answer: When this option is activated, you can answer incoming calls by pressing any key, except for , , , and .

Phone number: Check your phone number.

Voice mail number: When you insert your SIM card into your device, the device automatically detects and sets your voicemail access number by default. If not, you can manually enter the number obtained from your service provider.

Text messages service centre: When you insert your SIM card into your device, the device automatically detects and sets your SMS access number by default. If not, you can manually enter the number obtained from your service provider.

Country code: You can enter a country code. The code will be automatically added before a phone number when dialling.

Dialling code: You can enter a dialling code. The code will be automatically added before a phone number when dialling.

- **Caller ID**: When you place a call, your phone number can be displayed to or hidden from the person to whom you are calling. Using this option, you can enable or disable the display of your caller identification.
- **Channels**: This option allows you to set the cell broadcast (CB) message receipt and set up broadcast channels from which you want to receive CB messages.

  Enable channels: Select to enable the receipt of CB messages.

  Language: Select your preferred languages to display CB messages.

To edit the channel list, press the **Menu** soft key and select **Edit Channels**. Then press the **Menu** soft key and select the options for adding or editing channels.

- **Fixed Dialling**: When this option is activated, your device allows outgoing calls only to the limited set of phone numbers. You can call only those numbers that are included in the Fixed Dialing Number list or which begin with the same digit(s) as a phone number on the list.
- **Networks**: You can set the device to automatically select a network when you are roaming out of your service area, or find and select the network you want.

  Press the **Menu** soft key to access the following options:

  Find a New Network: Search for all available networks. You can start searching when the device is out of your service area.

  Select a Network: Select a network from the available networks.

  Preferred Networks: Set up a list of your preferred networks. You can set priority of the networks or add networks manually by selecting them from the preset network list or entering their service ID codes.

  Cancel: Exit the **Networks** menu.
- **Call Cost**: This network feature lets you view the cost of calls. Viewing call cost may not be available, depending on particular SIM cards. For more information, contact your service provider.

  Last Call Cost: shows the cost of the last call you made.

  Total Cost: shows the total cost of all calls made since the cost counter was last reset. If the total cost exceeds the maximum cost set in the **Edit Cost Limit** option, you can no longer make any calls until you reset the counter.

Cost Limit: shows the maximum cost set in the **Edit Cost Limit** option.

Reset Call Cost: allows you to reset the cost counter.

Edit Cost Limit: allows you to enter the maximum cost that you authorise for your calls. Calls can be made as long as the preset max cost is not exceeded.

Price/Unit: allows you to set the cost of one unit. This price per unit is applied when calculating the cost of your calls.

- **Closed User Group**: This option allows you to set incoming and outgoing calls to be restricted to a selected user group. For details about how to create a closed user group (CUG), contact your service provider.

  Use user group: Select to activate the CUG feature.

  Outside access: Enable calls to numbers other than those in the closed user group. This feature depends on the nature of your CUG subscription.

  Default group: Enable the default CUG, if you have set one with your service provider. When making a call, you are given the option of using your default CUG, instead of selecting one from the list.

  Group Index: Set the index number of the user group.

Voice Calls

- **Call Waiting**: This service allows you to receive another call while you have a call in progress. Select **Provide call waiting notifications** to activate this service.
- **Call Barring**: This network service allows you to restrict your incoming or outgoing calls. To set up this service, you need to enter the call barring password obtained from your service provider.

For incoming call barring, the following options are available:

All calls: No calls can be received.

When roaming: Calls cannot be received when you are using your device outside of your home service area.

Off: Call barring is deactivated; all calls can be received normally.

For outgoing call barring, the following options are available:

All calls: No calls can be made.

Int'l calls: International calls cannot be made.

Int'l except to home: When abroad, calls can be made only to numbers within the current country and to your home country.

Off: Call barring is deactivated; all calls can be made normally.

- **Call Forwarding**: This network service allows you to forward your incoming calls to another phone number.

  Unconditional: All calls are forwarded.

  No Reply: Calls are forwarded when you do not answer.

  Busy: Calls are forwarded when you are on the device.

  Unavailable: Calls are forwarded when your device is turned off or your device is out of your service area.

Video Calls

- **Outgoing Image**: You can set whether the device shows the camera view to the person with whom you are speaking, or select an image to be shown instead of the camera view.

- **Call Fail Option**: Select how to retry a video call when it fails.
- **Call Barring**: This network service allows you to restrict your incoming or outgoing calls. For details, see page 66.
- **Call Forwarding**: This network service allows you to forward your incoming calls to another phone number. For details, see page 67.

Own Numbers

You can store your phone numbers with separate descriptive names. Changes made with this option do not affect the actual subscriber number of your SIM card.

SDN

You can use the access numbers of the services supported by your service provider. This option may be unavailable depending on your SIM card.

chapter 5

Messaging and the Internet

Messaging

In Messaging, you can create, send, receive, view, edit, and organise:

- Text messages (SMS)
- Multimedia message (MMS)
- E-mail messages

To open Messaging:

On the Home screen, press the **Start** soft key and select **Messaging**.

Working with SMS or MMS messages

You can write an SMS message of up to 160 characters. When you enter more than 160 characters, your device handles the message as a multi-part message.

You can also send or receive multimedia messages (MMS). In addition to the familiar text content of text messages, multimedia messages can contain images, video clips, audio clips, and combinations of these things in more than one page.

MMS also supports e-mail addressing, so that messages can be sent from device to e-mail and vice versa.

Creating and sending an SMS message

Note: You can select your preferred network type for sending SMS messages and validity period. Press the **Start** soft key and select **Settings** → **More...** → **Connections** → **More...** → **Send SMS Options**. Then select the option you want.

1. On the Messaging screen, select **SMS/MMS**.
2. Press the **New** soft key and select **SMS**.
3. In the **To** field, enter the recipients' phone numbers, separating them with a semicolon.

   You can retrieve numbers from the contact list by pressing the **Menu** soft key and selecting **Add Recipient**.
4. Press the Down Navigation key and enter the message text.

   To enter preset sentences, press the **Menu** soft key and select **My Text** → a sentence.
5. When you have finished composing the message, press the **Send** soft key.

Note: To know if your message is delivered to the recipient(s), press the **Menu** soft key, select **Message Options** → **Request message delivery notification**.

Creating and sending an MMS message

1. On the Messaging screen, select **SMS/MMS**.
2. Press the **New** soft key and select **MMS**.

3. In the **To**, **Cc**, or **Bcc** field, enter the recipients' numbers or addresses, separating them with a semicolon.

   Note: The **Cc** and **Bcc** fields are above the **To** field.

   You can also retrieve numbers or the addresses from the contact list or the messages you have sent by pressing the **Menu** soft key and selecting **Add Recipients**.

4. Press the Down Navigation key to move to the **Subject** field and enter the message subject.

5. Press the Down Navigation key and enter the message text.

6. Press the **Menu** soft key to access the following options for composing a message:
   - **Preview**: shows the multimedia message you created.
   - **Add Recipients**: allows you to add recipients' numbers or addresses.
   - **Edit Item**: allows you to edit the selected item.
   - **Add**: allows you to add a media file.
   - **Attach**: allows you to attach a contact card or calendar item as a digital file format, or a media file.
   - **Edit Page**: allows you to add or delete pages, change the text style, or set the page order or duration.
   - **Save to**: allows you to save the message as a draft or as an MMS template.
   - **Cancel Message**: cancels sending the message.
   - **MMS Options**: allows you to change the options for MMS messages. See page 74.

7. When you have finished composing the message, press the **Send** soft key.

Viewing SMS or MMS messages

When you receive a new SMS or MMS message, the New Message icon ( ) displays on the top line of the screen. Press the **Message** soft key to open the message.

You can also view messages you received, sent, composed but not sent by accessing the message folders.

To open the message folders:

On the SMS/MMS screen, press the **Menu** soft key and select **Folders**. The following default folders display:

- **Deleted Items**: contains messages that have been deleted from each folder.
- **Drafts**: stores draft messages that have not been sent.
- **Inbox**: contains received messages. Received push message and broadcast messages are also stored in this folder.
- **Outbox**: is a temporary storage place for messages waiting to be sent.
- **Sent Items**: stores the messages that have been sent.

To view a message:

1. Open the message folder you want.

   The icons on the message list tells you the message type.

   - : SMS message
   - : MMS message

Note: You can change the default settings for viewing a message. From any message folder, press the **Menu** soft key and select **Options** → **Display**.

2. Select the message you want to view.

   If you open a push message from a WAP server, press the **Proceed** soft key to access the URL specified in the message.

3. Press the Left or Right Navigation key to view other messages.

To access message options:

From any message folder, you can access the following options by pressing the **Menu** soft key; depending on the selected folder, available options may vary:

- **Delete**: deletes the message.
- **Reply**: sends a reply to the sender and/or all other recipients, or forwards the message to other people.
- **Folders**: allows you to access other folders.
- **Switch Accounts**: allows you to switch to another message account.
- **Move**: allows you to move the message to other folders.
- **Delete All**: deletes all of the messages in the current folder.
- **Delete All Read**: deletes all of the messages already read in the current folder.
- **Mark as Unread**/**Mark as Read**: allows you to mark the message as unread or read. Unread messages are boldfaced on the message list.
- **Copy to SIM**/**Copy to Inbox**: copies the message to the SIM card or the device's memory. This option is only available for SMS messages.
- **Options**: allows you to change the options for Messaging.

- **Send/Receive**: sends or receives messages.
- **MMS Options**: allows you to change the options for MMS messages. See page 74.

Viewing messages on the SIM card

Sometimes, text messages may be stored on the SIM card, depending on their specifications.

1. From the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **My SIM Message**.
3. Scroll to the message you want and press the **View** soft key.

Configuring MMS settings

You can change the default MMS settings. From any message folder, press the **Menu** soft key and select **MMS Options**. The following options are available:

- **Sending Options**: allows you to change the settings for sending MMS messages.

  Priority: You can select the priority level of your messages.

  Validity Period: You can select the length of time your messages are stored in the message centre after they are sent.

  Delivery Time: You can select the time delay before messages are sent.

  Creation Mode: You can set whether or not the device allows the MMS creation using unsupported files. Depending on your country, this option may be unavailable.

Size: You can select the maximum message size.

Hide address: You can set your caller ID to be hidden from outgoing messages.

Request delivery report: When this option is activated, the network informs you whether or not your message has been delivered.

Request read report: When this option is activated, your device sends a request for a read reply along with your message to the recipient.

- **Receiving Options**: allows you to change the settings for receiving MMS messages.

  Home Network: Set how to retrieve new messages from the server while in your home network.

  Roaming Network: Set how to retrieve new messages from the server while roaming around another network.

  Reject Unknown Sender: Reject messages from unknown senders.

  Advertisement Allowed: Accept advertisements.

  Information Allowed: Accept information messages.

- **MMS Profiles**: allows you to set up and activate MMS profiles which are sets of MMS parameters required to send or receive MMS messages. To activate a profile, select it from the profile list.

  To edit a profile, press the **Menu** soft key and select **Edit**. You can change the following options:

  Profile Name: Enter the profile name.

  MMSC URL: Enter the URL address of the MMS centre.

  Proxy: Activate or deactivate the proxy server. When this option is activated, the **Address** and **Port** options are activated.

  Address: Enter the IP address of the gateway.

Port: Enter the port number of the gateway.

Bearer: Check the network bearer type.

Press the **Menu** soft key and select **Advanced Settings** to access the additional options:

APN: Enter the access point name.

Login ID: Enter the login name.

Password: Enter the login password.

DNS1/**DNS2**: Enter the primary or secondary DNS address.

- **About**: shows version and copyright information.

Working with e-mail messages

You can send and receive e-mail messages in one of these ways:

- Synchronise e-mail messages with Microsoft Exchange or Microsoft Outlook on your PC.
- Send and receive e-mail messages by connecting directly to an e-mail server through an Internet Service Provider (ISP) or a network.

Synchronising e-mail messages

Use the **Outlook Email** account to send and receive e-mail messages by synchronising e-mail messages with Microsoft Exchange or Microsoft Outlook on your PC. You will need to enable Inbox synchronisation in ActiveSync.

During synchronisation:

- Messages are copied from the mail folders of Exchange or Outlook on your PC to the **Outlook Email** folders on your device.

- E-mail messages in **Outlook Email** on your device are transferred to Exchange or Outlook, and then sent from those programs.

Connecting directly to an e-mail server

You can send and receive e-mail messages by connecting to an e-mail server. You'll need to set up a remote connection to a network or an ISP, and a connection to your e-mail server.

When you connect to the e-mail server, new messages are downloaded to the device's Inbox folder. Also, messages in the device's Outbox folder are sent and messages that have been deleted on the e-mail server are removed from the device's message folders.

Folder behavior with a direct connection to an e-mail server

The behavior of the folders you create depends on whether you are using POP3 or IMAP4.

- If you use POP3 and you move e-mail messages to a folder you created, the link is broken between the messages on the device and their copies on the mail server. The next time you connect, the mail server will see that the messages are missing from the device and delete them. This prevents you from having duplicate copies of a message, but it also means that you will no longer have access to messages that you move to folders created from anywhere except the device.
- If you use IMAP4, the folders you created and the e-mail messages you moved are mirrored on the server. Therefore, messages are available to you anytime you connect to your mail server. This synchronisation of folders occurs whenever you connect to your mail server;

create new folders or rename/delete folders when connected.

Creating an e-mail account

You need to create a new account to be used for retrieving and sending e-mail messages.

To make a new account:

1. From the Messaging screen, select **New Account**.
2. Select **Other (POP3/IMAP)** and press the **Next** soft key.
3. Enter your display name and e-mail address, and press the **Next** soft key.

   If you want to set up your account automatically from the Internet, select **Attempt to obtain email settings from the Internet**.
4. Enter your user information, such as user name, password, and domain name, press the **Next** soft key.
5. Select an e-mail server type, enter an account name, and select a network type.
6. Press the **Next** soft key.
7. Enter the server names and press the **Next** soft key.

   To set up an outgoing server, select **Outgoing Server Settings**.
8. Set the options for downloading e-mail messages and press the **Next** soft key.

You can select the number of days for which you receive e-mail messages and set the maximum data volume of e-mail messages you want to download.

9. Select how often your device automatically connects to the server and checks for incoming e-mails, and press the **Next** soft key.

10. Press the **Finish** soft key.

To edit an account:

1. From the Messaging screen, scroll to the account you want.
2. Press the **Menu** soft key and select **Settings**.
3. Change the account settings as you would when creating it.

Creating and sending an e-mail message

1. On the Messaging screen, select the e-mail account with which you want to send.
2. Press the **New** soft key.
3. In the **To**, **Cc**, or **Bcc** field, enter the recipients' e-mail addresses, separating them with a semicolon.

   Note: The **Cc** and **Bcc** fields are above the **To** field.

   You can retrieve addresses from the contact list by pressing the **Menu** soft key and selecting **Add Recipient**.

4. Press the Down Navigation key to move to the **Subject** field and enter the e-mail subject.

5. Press the Down Navigation key and enter the message text.

   To enter preset sentences, press the **Menu** soft key and select **My Text** → a sentence.

   You can add a picture or voice note as an attachment by pressing the **Menu** soft key and selecting **Insert** → an item type.

6. When you have finished composing the message, press the **Send** soft key.

7. Press the **Menu** soft key and select **Send/Receive** to connect to the network and send the message.

Viewing e-mail messages

You can also view messages you received, sent, composed but not sent by accessing the message folders.

To open the message folders:

On the Messaging screen, access the e-mail account you want, press the **Menu** soft key, and select **Folders**.

The following default folders display:

- **Deleted Items**: contains messages that have been deleted on your device.
- **Drafts**: stores draft messages that have not been sent.
- **Inbox**: contains received messages.
- **Outbox**: is a temporary storage place for messages waiting to be sent.
- **Sent Items**: stores the messages that have been sent.

To view an e-mail message:

1. On the Messaging screen, select the e-mail account from which you want to receive e-mail messages.
2. Press the **Menu** soft key and select **Send/Receive**.

   The device connects to your e-mail server and receives incoming e-mail messages or sends e-mail messages in Outbox.
3. Select the message you want to view.

To access message options:

From any message folder, you can access the following options by pressing the **Menu** soft key:

- **Delete**: deletes the message.
- **Reply**: sends a reply to the sender and/or all other recipients, or forwards the message to other people.
- **Folders**: allows you to access other folders.
- **Switch Accounts**: allows you to switch to another message account.
- **Move**: allows you to move the message to other folders.
- **Mark as Unread**/**Mark as Read**: allows you to mark the message as unread or read. Unread messages are boldfaced on the message list.
- **Download Message**/**Do Not Download**: allows you to set the device to download the complete contents of the e-mail from the e-mail server, or cancel the download setting.
- **Options**: allows you to change the options for the Messaging.
- **Send/Receive**: sends or receives e-mail messages.

Setting downloading options

You can specify your downloading preferences when you set up the account or select your synchronisation options.

- Change options for Inbox synchronisation using ActiveSync on your computer. For more information, see "ActiveSync Help."
- Change options for direct e-mail server connections in Inbox on your device. Press the **Menu** soft key and select **Options** → **Account Settings**. Then change the settings for the selected account.

Viewing e-mail attachments

To download an attachment, select **Get entire message and any attachments** in an open message, or press the **Menu** soft key and select **Download Message**. It will be downloaded the next time you synchonise or connect to your e-mail server. To view an attachment, select the attachment in an open message.

Inserting signatures into messages

You can specify a signature to be automatically inserted into SMS, MMS or e-mail messages that you send.

To specify a signature:

1. From any message folder, press the **Menu** soft key and select **Options** → **Signatures**.
2. Select the account for which you want to specify from the **Select an account** field.
3. Select **Use signature with this account**.

4. To insert a signature in every messages, including when you reply or forward the message, select **Include when replying and forwarding**.
5. Enter a signature to be inserted and press the **Done** soft key.

Internet Explorer

Use Microsoft® Pocket Internet Explorer to view Web and WAP pages. You can browse by connecting to an Internet Service Provider (ISP) or network and browse the Web.

When connected to an ISP or network, you can also download files and programs from the Internet.

To open Internet Explorer:

On the Home screen, press the **Start** soft key and select **Internet** → **Internet Explorer**.

Connecting to a website

1. To connect and start browsing, do one of the following:
   - Press the **Menu** soft key and select **Address Bar**. Enter the web address you want to visit or select a page from the history list.
   - Scroll to the page you want to view from the Favourites list.
2. Press the **Go** soft key on the browser to open the associated web page.

Navigating the Internet Explorer

From web pages, you can use the following options:

To	Press
scroll through browser items	the Navigation keys.
select a browser item	OK.
return to the previous page	⮌.
refresh the connection	the **Menu** soft key and select **Refresh**.
To change the display options	the **Menu** soft key, select **View**, and select the option you want.
view information on the web page	the **Menu** soft key and select **Tools** → **Properties**.

Using the Favorites list

You can store your favourite links while using the Internet Browser and then access them easily at a later time. Categorising them enables you to find them more quickly.

Adding a web page to the Favorites list

1. Go to the page you want to add, press the **Menu** soft key, and select **Add to Favorites**.
2. Change the name for the favourite link, if necessary.

3. Select a category under which you want to save the favourite link from the **Folder** field.

   You can also create a new category. See "Managing Favorites categories."

4. Press the **Add** soft key.

Opening a link through the Favorites list

1. On the Internet Explorer screen, press the **Favorites** soft key.
2. Scroll to the link you want to access.

   If the link you want is in a certain folder, open the folder and scroll to the link.

3. Press the **Go** soft key.

Managing Favorites categories

You can create a new category for saving favourite web pages, and rename or delete the created categories.

To add a category:

1. On the Internet Explorer screen, press the **Favorites** soft key.
2. Press the **Menu** soft key and select **Add Folder**.
3. Enter a category name and press the **Add** soft key.

To edit the categories:

Scroll to the category you want, press the **Menu** soft key, and select **Edit** or **Delete** to rename or delete the selected category.

Changing Explorer options

You can customise web browsing options, change the connection settings, and clear memory. On the Internet Explorer screen, press the **Menu** soft key and select **Tools** → **Options**.

The following options are available:

- **General**: You can select whether or not to play sounds on web pages, view the warnings when you move from a secure web page to a non-secure one, or enable or disable the receiving and sending of cookies. You can also select the text encoding type to use.
- **Connections**: You can change the network setting to connect to Internet Explorer. If you select **Automatically detect settings**, your device automatically detects network settings from your service provider.
- **Memory**: You can check the amount of memory currently being used for the Internet Explorer. To clear the memory, scroll to a type of memory and press the **Clear** soft key.

RSS Reader

RSS Reader allows quick and easy access to real-time news, headlines, and more. It will collect news from various websites and provides it to you in a simple form.

To open RSS Reader:

On the Home screen, press the **Start** soft key and then the **More** soft key twice, and select **RSS Reader**. The news feed list appears.

Reading the latest news

1. From the news feed list, press the **Update** soft key. The device connects to the network and updates the news Feed list with the latest news.
2. Press the **Done** soft key to return to the feed list.
3. Select a different feed.
4. Select a headline which interests you. The Internet Explorer launches and you can access the corresponding news website.

Searching for news reports

You can search for news reports by entering a keyword for the subjects in which you have a interest.

1. Press the **Menu** soft key and select **Feed Search**.
2. Enter a keyword and press the **Search** soft key. Your device searches for related reports on the Internet and displays the results.
3. Select the headline you want.

Exporting or importing feeds

You can export a feed as an OPML (Offline Processor Markup Language) file format or import OPML files from other sources.

To export a feed**:**

1. Scroll to a feed from the list.
2. Press the **Menu** soft key and select **OPML** → **Export**.
3. Select the file folder in which you want to save the file.
4. Enter a file name and press the **OK** soft key.
5. Press the **OK** soft key.

To import a feed**:**

1. Scroll to the folder to which you want to import a feed.
2. Press the **Menu** soft key and select **OPML** → **Import**.
3. Choose **Select OPML file** to import a feed from an OPML file, or **Enter OPML URL** to import a feed from a web site.
4. Select the file to import or enter a URL address and press the **OK** soft key.

Changing RSS reader settings

Press the **Menu** soft key and select **Options** to access the following options:

- **Folder update setting**/**Feed update setting**: You can change the settings for folder or feed updates.
- **All update setting**: You can change the settings for updates for all elements of RSS Reader.
- **Page option**: You can select the option for deleting expired pages, and set the maximum number of expired pages to be stored. If the number of the pages reaches the limit, the oldest pages will be automatically deleted.

- **Proxy**: You can set the address and port number of the proxy server for retrieving RSS content from the network.
- **About**: You can view version and copyright information.

chapter 6

Organizer

This chapter explains how to use Personal Information Management (PIM) programs to keep track of contacts and appointments and make a list of tasks you need to do.

Contacts

Contacts maintains a list of your friends and colleagues so that you can easily find the information you are looking for, whether you are at home or on the road.

To open Contacts:

On the Home screen, press the **Start** soft key and select **Contacts**. You can view the list of contact cards that you have created.

Creating a contact card

You can save a new contact card in the device's memory or on the SIM card.

Creating a contact card in the device's memory

1. On the contact list, press the **New** soft key.
2. Enter a name and other contact information.

   You can add a personal ringtone to a contact card. Scroll to the **Custom ring tone** field and select the ring melody you want.

Select the **Picture** field to add an image for the caller ID image. To remove the added image, press the **Menu** soft key and select **Remove Picture**.

To assign the contact card to a category, scroll to the **Categories** field and select a category.

3. When you have finished, press the **Done** soft key.

Creating a contact card on the SIM card

1. On the contact list, press the **Menu** soft key and select **New SIM Contact**.
2. Enter the name of the person you want to add.
3. Scroll to the **Mobile Phone** field and enter the number you want to store.
4. Press the **Done** soft key.

Creating a contact card from the Dialling screen

1. On the Home screen, enter the phone number and press the **Save** soft key.
2. Select **<New Item>** to create a new contact card.

   To add the phone number to an existing contact card, select the contact card.
3. Scroll to the location in which you want to save the number and press the **Insert** soft key.
4. Fill in the other fields and press the **Done** soft key.

Viewing and editing a contact card

When you access Contacts, the contact list displays the names of your contacts alphabetically, along with an abbreviation for the primary contact number or e-mail address, such as the person's work phone number (**w**) or mobile phone number (**m**).

The following table shows possible abbreviations that might be displayed on the contact list and their meanings:

Abbreviation	Meaning
w/w2	work phone/work2 phone
h/h2	home phone/home2 phone
m	mobile phone
co	company phone
pgr	pager
car	car phone
ast	assistant phone
rdo	radio phone
e/e2/e3	e-mail/e-mail2/e-mail3
im/im2/im3	IM/IM2/IM3
web	web page

To open a contact card:

1. On the contact list, select the contact card you want to view.

2. On the summary screen:
   - To edit the contact information, press the **Menu** soft key and select **Edit**.
   - To send an SMS message or MMS message, press the **Menu** soft key and then select **Send Text Message** or **Send MMS**.
   - To dial a number, select the number or press the **Call** soft key. To make a video call, press the **Menu** soft key and then select **Video Call**.
   - To send an e-mail, select the e-mail address.
   - To access a web page, select the web page.

Searching for a contact card

You can search for a contact card in Contacts by entering its associated name. You can start searching directly from the contact list or by using the Smart Search program.

Searching from the contact list

1. On the contact list, press the alphanumeric keys corresponding the letters of the name you want.

   The device highlights the first contact card matching your input.

2. Press OK to open the contact card or press to dial a number in the contact card.

Searching using Smart Search

For further details about using the Smart Search program, see page 36.

Adding a number or address to the Speed Dial list

You can assign a short cut number to a phone number for speed dialling or to an e-mail or URL address for quick access.

1. On the contact list, select the contact card you want.
2. Scroll to the number or address you want.
3. Press the **Menu** soft key and select **Add to Speed Dial**.
4. If necessary, change the name and select a keypad location.
5. Press the **Done** soft key.

Copying entries between the SIM card and Contacts

You can copy the contact card or all of contact entries in a specific category to the SIM card or vice versa.

Copying from Contacts to the SIM card

1. On the contact list, select the contact card stored in the the device’s memory.
2. Scroll to the phone number to be copied.
3. Press the **Menu** soft key and select **Save to SIM**.
4. If necessary, change the contact name.
5. Press the **Done** soft key.

Copying from the SIM card to Contacts

1. On the contact list, select the contact card stored on the SIM card.
2. Press the **Menu** soft key and select **Save to Contacts**.
3. If necessary, change the contact name.
4. Fill in the other fields and press the **Done** soft key to save the changes.

Copying all contacts

To copy all contacts between the device's memory and the SIM card, on the contact list, press the **Menu** soft key and select **Copy all** → a copy type.

Sending a contact card

You can send a contact card in Contacts to another device via SMS, MMS, or an active Bluetooth connection.

On the contact list or on the summary screen, press the **Menu** soft key.

- To send via SMS, select **Send Contact** → **SMS/MMS**. For details, see page 70.
- To send via MMS, select **Send as vCard**. For details, see page 70.
- To send via Bluetooth, select **Send Contact** → **Beam**. For details, see page 140.

Deleting a contact card

1. On the contact list, select a contact card.
2. Press the **Menu** soft key and select **Delete**.
3. Press the **Yes** soft key to permanently delete the contact card.

Calendar

Use Calendar to schedule appointments, including meetings and other events. You can check your appointments in one of several views (Agenda, Week, and Month).

To open Calendar:

On the Home screen, press the **Start** soft key and select **Organizer** → **Calendar**. You can view the lists of appointments that you have created for the current day.

Creating an appointment

1. Press the **Menu** soft key and select **New Appointment**.
2. Fill in each field.

   From the **Sensitivity** field, you can set a sensitivity class by which Microsoft Exchange Server handles the appointment.
3. When you have finished, press the **Done** soft key.

Viewing and editing an appointment

On the Calendar screen, you can view and edit your appointments using the different views: Agenda, Week, or Month. By default, the calendar first appears in the agenda view, which provides the most detailed information about your appointment.

Switching the view mode

You can change the view mode of the calendar to cycle through the agenda, week, and month view. In each view, press the **Week**, **Month**, or **Agenda** soft key.

- **Agenda View**: shows you the appointments for the selected day.
- **Week View**: shows the week calendar of your appointments.

  Time cells having scheduled items are indicated by colours (Navy blue: Busy, Purple: Out of office, White: Free, Sky blue: Tentative).
- **Month View**: allows you to keep track of your monthly schedule and shows which days have appointments scheduled (◤: Morning appointment, ◢: Afternoon appointment, ■: Morning/Afternoon appointment, □: All day appointment).

Editing an appointment

1. Select the calendar view by pressing the **Week**, **Month**, or **Agenda** soft key.
2. In each view, select the date you want. In Agenda view, you can access other dates by pressing the Left or Right Navigation key.

To go to today's date, press the **Menu** soft key and select **Go to Today**.

To go to a certain date, press the **Menu** soft key and select **Go to Date**. Enter the date and press the **Done** soft key.

3. Select the appointment you want to view.
4. Press the **Edit** soft key.
5. If you are editing a repeating or continuous appointment, decide whether to edit all appointments in the series or only the current appointment by pressing the **No** or **Yes** soft key.
6. Edit the appointment information and press the **Done** soft key to save the changes to the appointment.

Sending an appointment

You can send an appointment item as a VCalendar file to another device via MMS or an active Bluetooth connection.

- To send via MMS, scroll to the appointment you want, press the **Menu** soft key, and select **Send as vCalendar**. For details, see page 70.
- To send via Bluetooth, open the appointment you want, press the **Menu** soft key, and select **Beam Appointment**. For details, see page 140.

Deleting an appointment

1. On the calendar screen, open the appointment to delete.
2. Press the **Menu** soft key and select **Delete**.

3. If you are deleting a repeating or continuous appointment, decide whether to delete all appointments in the series or only the current appointment by pressing the **No** or **Yes** soft key.

   Or, press the **Yes** soft key to permanently delete the appointment.

Changing calendar setting options

From any view, press the **Menu** soft key and select **Options**. The following options are available:

- **First day of week**: You can select which day the calendar starts with.
- **Week view**: You can select a week view type.
- **Month view**: You can set the month view to show the current week number.
- **Set reminders**: You can select the default schedule alarm time.

D-Day

In D-Day, you can calculate how many days are left before or have passed since a specific event.

To open D-Day:

On the Home screen, press the **Start** soft key and select **Organizer** → **D-Day**.

Note: Depending on the language setting, your device may not display some texts.

Creating a D-Day counter

1. Press the **New** soft key.
2. Set options in each field.
3. When you have finished, press the **Done** soft key.

   The counter is added to the list and shows how many days are left or have passed.

Editing D-Day categories

You can change the names and icons of D-Day categories.

1. From the counter list, press the **Menu** soft key and select **Edit category**.
2. Scroll to the category you want.
3. Press the **Menu** soft key and select **Rename**.
4. Enter a new name and press the **Done** soft key.
5. Press the Left or Right Navigation key to change the category icon.
6. Press the **Done** soft key to save changes.

Deleting a D-Day counter

1. Scroll to the counter you want.
2. Press the **Menu** soft key and select **Delete**.
3. Press the **Yes** soft key to confirm the deletion.

Tasks

Tasks is a convenient place to create task reminders. You can mark a task as completed or delete a task.

To open Tasks:

On the Home screen, press the **Start** soft key and select **Organizer** → **Tasks**.

Creating a task note

1. Press the Up Navigation key.
2. Enter your task information in the **Enter new task here** field.
3. When you have finished, press OK.

Completing a task

When a task is complete, mark it to indicate that the task is done. To mark, scroll to the completed task and press the **Complete** soft key.

To unmark, press the **Activate** soft key.

Beaming a task note

You can send a task note to another device via an active Bluetooth connection.

On the task list, scroll to the task you want. Press the **Menu** soft key and select **Beam Task**. For details, see page 140.

Deleting a task

1. On the task list, scroll to the task.
2. Press the **Menu** soft key and select **Delete Task**.
3. Press the **Yes** soft key to confirm the deletion.

Notepad

Using Notepad, you can create memos for important things and manage them.

To access Notepad:

On the Home screen, press the **Start** soft key and select **Organizer** → **Notepad**.

Creating a memo

1. Press the **New** soft key.
2. Enter the memo text and press the **Done** soft key.

Viewing a memo

To view memo details, select the memo you want from the list. Press the **Edit** soft key to change the memo.

Sending a memo

You can send your notes as part of an SMS or e-mail message.

1. Scroll to the memo you want.

2. Press the **Menu** soft key and select **Send via email/ message**.

3. Compose and send a message. For details, see page 79 or page 70.

Deleting a memo

1. Scroll to the memo you want.

2. Press the **Menu** soft key and select **Delete**.

3. Press the **Yes** soft key to confirm the deletion.

Voice Notes

In any program where you can write on the screen, you can also quickly capture thoughts, reminders, and phone numbers by recording a message. Using Voice Notes, you can create a recording.

To open Voice Notes:

On the Home screen, press the **Start** soft key and select **Organizer** → **Voice Notes**.

Recording a voice note

1. Hold your device's microphone near your mouth or other source of sound.

2. Press the **Record** soft key to make your recording.

3. Press the **Stop** soft key to stop recording.

Reviewing a voice note

On the voice note list, select the note you want to review. Recording plays. During playback, you can adjust the sound volume by pressing ⏶/⏷.

Setting a voice note as the ringtone

1. On the voice note list, scroll to a voice note.
2. Press the **Menu** soft key and select **Set As Ringtone**.
3. Press the **OK** soft key.

Deleting a voice note

1. On the voice note list, scroll to a voice note.
2. Press the **Menu** soft key and select **Delete**.
3. Press the **Yes** soft key to confirm the deletion.

Alarms

You can use the alarm clock to set a wake-up alarm or set an alarm to remind you of an appointment.

To open Alarms:

On the Home screen, press the **Start** soft key and select **Organizer** → **Alarms**.

Setting a wake-up alarm

1. On the Alarm screen, select **Wake-up alarm**.
2. Check a box, enter the time for the wake-up alarm to sound, and select the days when the wake-up alarm rings in the week viewer.

   Use the Navigation keys to move through each field. You can set the wake-up alarm at 3 different times.
3. Select a melody for the alarm in the **Tone** field.
4. Select a time interval to resume the alarm in the **Snooze** field.
5. Press the **Done** soft key.

Setting an alarm

1. On the Alarm screen, select one of **Alarm 1** to **Alarm 9**.
2. Set each alarm option.
3. Press the **Done** soft key.

Stopping an alarm

- When an alarm rings, press the **Dismiss** soft key to stop it, or press the **Snooze** soft key to set the alarm to ring again after the specified snooze interval.
- To deactivate an alarm, select the one you want from the Alarm screen, select **Off** on the **Alarm activation** line.

World Clock

You can set up the world clock with the time zones you want, and then check the current time of the city you need at any time.

1. On the Home screen, press the **Start** soft key.
2. Select **Organizer** → **World Clock**.
3. Select the clock you want.
4. Press the Left or Right Navigation key to move the time zone line.

   To apply daylight savings to the currently selected time zone, select **Summer time**.
5. Press the **Done** soft key to save the selected time zone.

   To remove an assigned time zone, press the **Edit** soft key and select **Clear**.
6. Repeat from step 2 to add time zones.

chapter 7

Multimedia

Camera

With the built-in camera of your device, you can take photos or record videos of people or events while on the move. Your device produces JPEG photos and 3GP videos.

To open Camera:

From the Home screen, press the **Start** soft key and select **Camera**, or press and hold ⌂.

Taking photos

When you access Camera mode, the main display is activated as a viewfinder.

1. Adjust the image to be captured.
   - Press the Up or Down Navigation key to zoom in or out.
   - Press the Left or Right Navigation key to adjust the brightness of the image.
   - Press the **Menu** soft key to access the camera options. See page 108.
   - Use the number keypad to adjust the image quickly. See page 109.
2. Press OK, ↵, or the thumbwheel to take a photo.
3. Press the **Save** soft key, OK, ↵, or the thumbwheel to save the photo.

   The photo is saved in the location specified in the **Default Storage** option. After saving the photo, the camera automatically returns to Photo Preview mode.

Setting camera options

You can customise the camera settings. Once you change the camera settings, the corresponding icons display at the top of the photo preview screen.

On the preview screen, press the **Menu** soft key.

- **Camcorder**: switches to Camcorder mode.
- **Shooting Mode**: changes the camera shooting mode.

  Single Shot: takes a normal single shot.

  Multi Shot: takes a series of stills. You can select the default number of photos the camera will take in the **Camera** menu in **Options**.

  Mosaic Shot: takes a series of stills and saves them in one frame. You can select the default layout in the **Camera** menu in **Options**.
- **Size**: allows you to select an image size.
- **Quality**: allows you to select an image quality setting.
- **White Balance**: allows you to select a white balance mode to adjust the colour balance of photos.
- **Timer**: selects the length of time for the camera to delay before taking a photo.
- **Effect**: changes the colour tone for photos or applies a special effect to photos.
- **Frame**: selects a decorative frame.
- **Options**: allows you to change the default settings for Camera. See page 112.

Using the keypad shortcuts

You can use the keypad to customise your camera settings when you are in the photo preview screen.

- 1 E: switches to Camcorder mode.
- 2 T: changes the shooting mode by changing the number of photos or the layout.
- 3 U: changes the image size.
- 4 D: changes the image quality.
- 5 G: changes the white balance.
- 6 J: selects the length of time delay before taking a photo.
- 7 X: allows you to change the colour tone or applies a special effect.
- 8 V: allows you to add a decorative frame to the photo.
- 9 N: accesses camera setting options.

Viewing photos

To view photos you have taken, press the **My Photo** soft key in Camera mode. The list of the photos in the currently selected memory appears. For further details, see page 122.

Recording video clips

1. From Camera mode, press 1 E to switch to Camcorder mode.
2. Adjust the image to be recorded.
   - Press the Up or Down Navigation key to zoom in or out on your subject.

- Press the Left or Right Navigation key to adjust the brightness of the image.
- Press the **Menu** soft key to access the camcorder options. See page 110.
- Use the number keypad to adjust the image quickly. See page 111.

3. Press OK, ↵, or the thumbwheel to start recording. The timer on the top left of the screen shows you the elapsed time.

   Press the **Pause** or **Resume** soft key to pause and resume recording.

4. Press OK, ↵, or the thumbwheel to stop recording.

5. Press the **Save** soft key to save the video clip.

   The video clip is saved in the location specified in the **Default Storage** option. After saving the video, the camcorder automatically returns to Video Preview mode.

Setting camcorder options

You can customise the camcorder settings. Once you change the video settings, the corresponding icons display at the top of the video preview screen.

On the video preview screen, press the **Menu** soft key.

- **Camera**: switches to Camera mode.
- **Recording Mode**: select a video recording mode. Select **Limit for MMS** to record a video suitable for an MMS or e-mail message. Select **Normal** to record a video within the limit of the currently available memory.

- **Size**: allows you to select a video frame size.
- **Quality**: allows you to select an image quality setting.
- **White Balance**: allows you to select a white balance mode to adjust the colour balance of videos.
- **Timer**: selects the length of time for the device to delay before recording a video.
- **Effect**: changes the colour tone for videos or applies a special effect to videos.
- **Audio Record Off**/**Audio Record On**: selects whether or not you record a video with audio.
- **Options**: allows you to change the default settings for Camera. See page 112.

Using the keypad shortcuts

You can use the keypad to customise your video settings when you are on the video preview screen.

- 1 E: switches to Camera mode.
- 2 T: changes the recording mode.
- 3 U: changes the frame size.
- 4 D: changes the image quality.
- 5 G: changes the white balance.
- 6 J: selects the length of time delay before starting recording a video.
- 7 X: allows you to change the colour tone or applies a special effect.
- 8 V: mutes or unmutes audio.
- 9 N: accesses camera setting options.

Playing video clips

To view the video clips you have recorded, press the **My Video** soft key in Camcorder mode. The list of the video clips in the currently selected memory appears. For further details, see page 122.

Changing the default camera settings

To customise the default camera settings, press the **Menu** soft key and select **Options**.

The following options are available:

- **General**: You can customise the general settings for the Camera program.

  Viewfinder: allows you to the camera to display icons on the preview screen.

  Auto Save: allows you to sets the camera to save a photo or video after capturing.

  Default Storage: allows you to select where you want to store your photos or video clips.

  Time Out: allows you to set the period of time the camera waits before turning itself off when it is not used.

- **Camera**: You can customise the settings for Camera mode.

  Multi Shot: allows you to set the number of photos and the shooting speed.

  Mosaic Shot: allows you to select the layout and shutter release mode.

  Default Prefix: allows you to change the default prefix of photo names.

  Sound: allows you to select sounds for the shutter release, zooming, and brightness adjustment.

- **Camcorder**: You can customise the settings for Camcorder mode.

  Default Prefix: allows you to change the default prefix of video names.

  Sound: allows you to turn on or off the sound effect when recording begins or ends.
- **Shortcuts**: You can check view the functions assigned to the keys in Camera mode or Camcorder mode.

Windows Media Player

Your device is equipped with Microsoft Windows Media Player 10. With Windows Media Player, you can play Windows Media Audio, Windows Media Video, and MP3 audio files that are stored on your device, on a memory card, or on the Web.

To open Windows Media Player:

On the Home screen, press the **Start** soft key and select **Windows Media**.

Preparing media files

You can copy media files from your desktop computer to the device using the Windows Media Player or ActiveSync. You can also copy media files using a memory card.

Note: If you have stored too many files in memory, the operation speed of the system slows down. Using an optional memory card helps you clear up this problem and lets you enjoy more music files.

About DRM, licences, and protected files

Some digital media files, such as songs downloaded from online stores, are encrypted to prevent the files from being unlawfully distributed or shared. Content providers use a technology called Digital Rights Management (DRM), to encrypt the files. During the encryption process, the content provider creates a licence which specifies how and when the file can be used.

For example, a content provider could create a licence that allows you to play a certain file on your computer, but not on your device. Or, a licence that allows you to play a certain file on your device, but only for a month, or perhaps only a certain number of times. Files that have licences associated with them are called protected files.

Copying media files using ActiveSync

1. Connect your device to a computer and start synchronisation by referring to page 45.
2. Open the file directory on the device by clicking **Explore** from the Microsoft ActiveSync window.
3. Drag the media files you want to copy and drop them into a folder.

   Windows Media Player automatically retrieves the media files from the folder where the files are copied and you can search them from the library screen. If the media files do not appear in the library, update the library by pressing the **Menu** soft key and selecting **Update Library**.

Copying media files using the Windows Media Player program on your computer

You can use the desktop Windows Media Player to copy media files. Using the desktop Windows Media Player ensures that licences are copied with protected files.

Make sure that you have Windows Media Player 10 or later versions on your desktop computer. Depending on the version of your Windows Media Player, the procedure to copy files may vary.

1. Connect your device to the desktop computer and start synchronisation.
2. Open Windows Media Player on the computer.
3. Click the **Sync** tab.
4. Click **Edit Playlist**.
5. Select the media files you want to synchronise from the left pane of the window.
6. Click **OK**.
7. Select the saving location from the right pane of the Windows Media Player window.
8. Click to select the quality level you want and click **OK**.
9. Click **Start Sync**.

   The selected files are converted and copied to the location you selected in step 7.

Using libraries

A library is a file list provided by Windows Media Player to retrieve media files in the device's memory. To access libraries, press the **Menu** soft key from the player screen and select **Library**.

The library screen contains categories, such as My Playlists, My Music, and My Videos. From the library screen, you can sort your content by criteria, such as artist name, album title, or genre.

On the library screen, you can use the following options by pressing the **Menu** soft key:

- **Queue Up**: adds the selected file to the end of the current play list.
- **Delete from Library**: deletes the selected file from the library.
- **Now Playing**: opens the current play list.
- **Library**: Allows you to select the library that you want to view; for example, the library of files stored in your device or on a memory card.
- **Update Library**: adds new files to the library by searching your device or a memory card.
- **Open File**: allows you to find and play files that are stored on your device or a memory card, but those are not in the library.
- **Open URL**: allows you to specify a URL address for a streaming service.
- **Properties**: displays information about the selected file.
- **Player**: closes the library screen and displays the player screen.

Playing music and video files

If you have copied media files to your device's memory or memory card, you can play them from Windows Media Player.

Playing media files from a library

1. On the library screen, if necessary, press the **Menu** soft key, select **Library**, and select the memory from which you want to retrieve files.
2. Press the **Menu** soft key and select **Update Library**.
3. When libraries have been updated, press the **Done** soft key.
4. Select a category.
5. Scroll to the library you want to play and press the **Play** soft key.

   The player screen appears and the selected file plays.

Use the following options during playback:

- To adjust the Windows Media volume, press the Up or Down Navigation key. You can view the volume level on the screen.
- To adjust the audio volume, press /.
- To move backward in a file, press and hold the Left Navigation key.
- To move forward in a file, press and hold the Right Navigation key.
- To access the next file, press the Right Navigation key.
- To access the previous file, press the Left Navigation key.

- To pause or resume playback, press OK, ↵, or the thumbwheel.
- To play the files on the play list randomly or repeatedly, press the **Menu** soft key and select **Shuffle/Repeat** → an option.
- To view the video on a full screen, press the **Menu** soft key and select **Full Screen**.
- To stop playback, press the **Menu** soft key and select **Stop**.

Playing media files on a network

1. On the library screen, press the **Menu** soft key and select **Open URL**.
2. Enter a URL address in the **URL** field, or scroll to one of the URL address that you have used from the **History** field.
3. Press the **OK** soft key.

Note: To play streaming media, you must be connected to a network. For more information on creating a remote connection between your device and a network, see page 143.

Setting up a play list

You can add media files on the library screen to a temporary play list. It lists the currently playing file, as well as any files that have been queued up to play next.

Creating a play list

1. On the library screen, select the category you want and scroll to the file you want to play.

   If the file does not appear on the list, press the **Menu** soft key and select **Update Library**.

2. Press the **Menu** soft key and select **Queue Up** to add the file to the play list.

3. Repeat steps 1 and 2 to add more files.

4. Press ⊐, or **Menu** soft key and select **Player** to return to the player screen.

5. Press OK, ↵, or the thumbwheel to start playing the files.

6. To save the play list, press the **Now Playing** soft key and then the **Menu** soft key, and select **Save Playlist**.

7. Enter the list name and press the **Done** soft key. The list is saved in the My Playlists library.

Opening the play list

On the player screen, press the **Now Playing** soft key. You can use various options by pressing the **Menu** soft key.

Editing the play list

- To change the play order, press the **Menu** soft key and select **Move Up** or **Move Down**.
- To delete the selected files, press the **Menu** soft key and select **Delete from Playlist**.
- To clear the play list, press the **Menu** soft key and select **Clear Now Playing**.

Changing the Window Media Player settings

You can customise the appearance and functionality of Windows Media Player. On the player screen, press the **Menu** soft key and select **Options**.

You can use the following options:

- **Playback**: Select the options for playback. You can select the way time is displayed on the player screen, or whether or not to pause playback when you launch another program, and resume playback after a phone call.
- **Video**: Select the viewing options for playing videos on a full screen.

> **Note**: If there is a problem while playing MP4 files, deselect the **Shrink to fit window** option. The problem occurs because the file has been resized.

- **Network**: Change the connection speed and protocol for playing music and streaming video.
- **Library**: Select whether the player screen or the library screen is displayed when you open Windows Media Player.
- **Skins**: Change the appearance of the player screen by selecting a new skin.
- **Buttons**: Assign Windows Media Player functions to the keys on your device to quickly control playback without having to use the menus.

Podcast

In Podcast, you can access and enjoy online audio and video services and create your own play lists.

To open Podcast:

On the Home screen, press the **Start** soft key and the **More** soft key twice, and select **Podcast**.

Subscribing to the Podcast service

From the Podcast screen, scroll to **Podcasts**, press the **Menu** soft key and select **Subscribe to Podcast**. When you are connected to the corresponding website, follow the onscreen instructions to complete the subscription process.

Accessing audio and video services

From the Podcast screen, select **Podcasts**. You will be connected to the corresponding website which allows you to choose the online services that you enjoy.

To update the audio and video library, and play lists with new files, press the **Menu** soft key and select **Update Library**.

Creating a play list

You can create your own play lists with your favourite audio or video files or play list wizard filtering audio or video files according to your preferences.

1. Press the **Menu** soft key and select **New** → an item type.

2. Enter a title for the play list.

   For a play list wizard, press the **Menu** soft key and add rules or limit to filter audio or video files.

3. Press the **Ok** or **Done** soft key.

4. Add files, if necessary.

Changing Podcast settings

To change the properties of Podcast, press the **Menu** soft key and select **Options** or **Properties**. You can specify information to be displayed on the play lists, or display and update properties of the play lists in Podcast.

Contents Manager

This program allows you to access all of your pictures, sound clips, and video clips stored in your device's directory or from a memory card.

To open Contents Manager:

On the Home screen, press the **Start** soft key and then the **More** soft key, and select **Contents Manager**. The file folders display.

Viewing a picture

1. From the file folder list, select **My Pictures**.

2. Select the thumbnail image of the picture you want.

3. Press the Left or Right Navigation key to view other pictures.

While viewing a picture, you can use the following options:

- To zoom in or out, press the **Zoom** soft key to switch to Zoom mode, and then press the **+** or **-** soft key.
- To edit the picture, press the **Menu** soft key and select **Edit image**. You can then access the editing tool options by pressing the **Menu** soft key.
- To set the picture as wallpaper for the Home screen or caller ID image for a contact card, press the **Menu** soft key and select **Set as** → an option.
- To print the picture with a Bluetooth-compatible printer, press the **Menu** soft key and select **Print via Bluetooth**. You must first connect the device to a printer.

Viewing pictures as a slide show

You can view all of your pictures as a slide show, a sequential presentation of each image in the current album.

Press the **Menu** soft key and select **Play slide show**. The slide show begins on a full screen.

- To pause or resume the slide show, press OK.
- To manually scroll through the pictures, press the Left or Right Navigation key.
- To stop the slide show and return to the previous screen, press ⮌.

Playing a sound or video clip

1. From the file folder list, select **Notes**, **My Music**, or **My Videos**. In **Notes**, you can access your voice recordings.

2. Select the thumbnail image of the sound or video clips you want. The file plays in Windows Media.

Searching for a file

You can quickly search for a file by entering its name.

1. From the file folder list, select a folder.
2. Press the **Menu** soft key and select **Search**.
3. Enter the file name and select the file type and location.
4. Press the **Search** soft key. The device searches the file folders and lists all matching files.
5. Press the **Open** soft key to access the file.

Sending a file

You can send a file to another device via MMS, e-mail, or an active Bluetooth connection.

Open a folder, if necessary, and scroll to the file you want.

- To send via MMS, select **Send** → **As message**. For details, see page 70.
- To send via e-mail, select **Send** → **As email**. For details, see page 79.
- To send via Bluetooth, select **Send** → **Via Bluetooth**. For details, see page 140.

Copying or moving a file

1. From the file folder list, open the folder you want and scroll to the file you want.
2. Press the **Menu** soft key and select **Edit** → **Copy** or **Move**.
3. Select the folder to which you want to copy or move the file.

Deleting a file

1. From the file folder list, open the folder you want and scroll to the file you want.
2. Press the **Menu** soft key and select **Delete**.
3. Press the **Yes** soft key to confirm the deletion.

Making a zip file

You can convert a file to a zip file to compact the size. This is helpful when you send files via Bluetooth or attach them to an MMS or e-mail message.

1. Open the folder you want and scroll to the file you want.
2. Press the **Menu** soft key and select **Edit** → **Zip**.
3. Enter a file name and select the location to save the file.
4. Press the **Zip** soft key.

Customising Contents Manager settings

From the file folder list, press the **Menu** soft key and select **Options** to access the following options:

- **View by**: allows you to select a view mode of folders.
- **Slide show**: allows you to set up properties of a slide show.
- **Shortcuts**: shows shortcut keys available in Contents Manager.
- **About**: shows copyright information.

chapter 8

Extra programs

Games

Your device includes fun games, such as Bubble Breaker and Solitaire, in Games.

To open Games:

On the Home screen, press the **Start** soft key and then the **More** soft key, and select **Games**.

Bubble Breaker

The object of Bubble Breaker is to clear out all the balls. The rule is that you may only clear out adjacent same-coloured balls. The score depends on clear out every balls.

Playing a game

1. On the Game screen, select **Bubble Breaker**.
2. Navigate to the ball you want to clear and press OK.

   The group will be outline and the score for that selection will be shown.
3. Press OK to accept that selection. The selected balls are cleared out.

Press the **Menu** soft key and select **Statistics** to view statistics or information about the game.

You can customise the game options such as play sounds, game style, or ball colour by pressing the **Menu** soft key and selecting **Options**.

Solitaire

The object of Solitaire is to use all the cards in the deck to build up the four suit stacks in ascending order, beginning with aces.

Playing a game

1. On the Game screen, select **Solitaire**.
2. Move any aces on the seven stacks to the four card spaces on the left of the screen and then make any other available plays.

   To move cards, press the number or character of the card to move and then press the number or character of the stack to which you want to move the card.
3. When you have made all available plays, press the **Draw** soft key to turn over cards.

Calculator

The calculator allows you to perform general mathematical functions, such as addition, subtraction, multiplication, and division.

Performing a calculation

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **Calculator**.

3. Enter the numbers and operations (+, -, /, or x).

   To use advanced operations, such as percentage (%), square (Xn), and square root (√), press the **Menu** soft key and select an option.

4. Press OK to execute the calculation.

You can use the calculation result for subsequent calculations by pressing the **Menu** soft key and selecting **Copy result**. To insert the copied value into the input field, press the **Menu** soft key and select **Paste result**.

Changing the calculator settings

Press the **Menu** soft key and select **Options** to access the following options:

- **Show digit grouping symbol**: Set whether the calculator shows a symbol of digit grouping for numbers.
- **Keep calculation log**: Set whether the calculation remains on the screen for further calculations.

Smart Converter

In Smart Converter, you can perform unit conversions.

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **Smart Converter**.
3. Select a converter type.

4. Select an original unit and enter the value to be converted in the upper unit field.

   Press ! to add a decimal point. Your device only can display up to 6 digits after the decimal point.

   In the temperature converter, press 9 w to change the temperature to below zero.

5. Select a target unit from the lower unit field. The equivalent value appears.

Notes:
- To reverse the unit fields for continuous conversions, press the **Menu** soft key and select **Reverse**.
- For the currency converter, you may need to change currency rates. Press the **Menu** soft key and **View rates**.

Stopwatch

You can measure elapsed time interval.

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **Stopwatch**.
3. Press the **Start** soft key to start the timer.
4. Press the **Record** soft key to check an interval.
5. Press the **Stop** soft key to stop the stopwatch.

Picsel Viewer

Picsel Viewer allows you to view documents on your device without any file-conversion or loss of content.

To view a document, you must transfer documents from a PC. If you have inserted an optional memory card, you can also view the files stored from it.

By default, Picsel Viewer supports the most common desktop document formats, such as .doc, .xls, .ppt, .pdf, and .wmf.

Note: Some document formats, such as .xls and .ppt, are not transformed into their corresponding file types when you copy them to your device by using ActiveSync, so that you cannot view the documents in the directory. To avoid this case, change the conversion setting on the ActiveSync screen on your computer.

To open Picsel Viewer:

On the Home screen, press the **Start** soft key and then the **More** soft key, and select **Picsel Viewer**.

Viewing a document

When you open Picsel Viewer, the file directory of the device displays.

1. Select the folder containing the document you want.

   If you have inserted a memory card, **Storage Card** appears to allow you to access files on the memory card.

   Select or press the **Up** soft key to go back to the upper level directory.

2. Select the document you want to open.

   Adobe PDF: , Microsoft World: , Microsoft Power Point: , Microsoft Excel: , Plain Text: , JPEG/ BMP/GIF/PNG: .

Using options in a document view

From a document view, you can use the number keypad to quickly perform an option. These are the keys you can use and options assigned to each key.

- **Switching view mode**: To switch between Panning mode ( ) and Zooming mode ( ), press OK.
- **Panning**: To pan to a different part of the document, press the Navigation keys to move to the direction you want in Panning mode. You can also press 2 T, 4 D, 6 J, or 8 V, respectively.
- **Zooming**: To zoom in or out, press the **Menu** soft key and select **Page** → **Zoom in** or **Zoom out**. You can also press the Navigation keys in Zooming mode.
- **Fitting to width**: To fit the width of the page on screen, press the **Menu** soft key and select **Page** → **Fit to width**. You can also press 0 +.
- **Navigating**: To navigate the pages, press the **Menu** soft key and select **Page** → **Next Page**, **Previous Page**, **First Page**, or **Last Page**. You can also press 3 U, 1 E, 7 X, or 9 N, respectively.
- **Rotating**: To rotate the screen 90 degrees clockwise, press the **Menu** soft key and select **Page** → **Rotate**. You can also press 5 G.

Viewing History

The history view shows you previously visited documents as a small thumbnail-image of the document, and the document's name, location, and the date of your visiting.

Press the **Menu** soft key and select **History** to open the history view. To access any of the documents from the history view, select the thumbnail of that page.

Viewing the Favourites list

For your favourite documents, you can keep a list in Favourites. This looks similar to the history view but includes only those pages you have explicitly added. Before viewing the Favourites list, you must add the pages to the Favourites list.

To add the current page to the Favourites list:

1. Press the **Menu** soft key and select **Favorites** to access the Favourites list.
2. Press the **Add/Delete** soft key and select **Add**.
3. Enter the name you want and press the **OK** soft key.

To open a favourite page:

Access the Favourites list and select the thumbnail of the page you want.

Changing Picsel Viewer settings

Press the **Menu** soft key and select **Settings** → **Preferences**. You can set the period after which the thumbnail pictures and descriptions of pages are removed

from the history memory. To clear the history list, select **Clear History**.

Download Agent

In Download Agent, you can update your device's firmware with software package supplied by your device's manufacturer. The manufacturer will send you an SMS message, enabling you to download the software package, or you can access the manufacturer's web server and download it.

To update the device's firmware:

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Accessories** → **Download Agent**.
3. Scroll to the package file and press the **Install** soft key.

File Explorer

The File Explorer program allows you to open an explorer window similar to a desktop Windows based system. The explorer window allows you to navigate through your device to locate the desired folders and files. You can also quickly manage, delete, copy, or edit any files and folders on your phone.

Note: If you turn off the device after storing some files in any folders, except for the Storage folder, using ActiveSync, all of the files in those folders will be deleted. Store

important files in the Storage folder to prevent them from being deleted.

Accessing files

1. On the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **File Explorer**. The list of the folders in the device's memory displays.
3. Scroll to the folder that you want to view.

   Press the **Up** soft key to return to the previous directory level.
4. Scroll to an item and press OK to open it.

Using file management options

From the file directory, press the **Menu** soft key to access the following options:

- **Send**: Send a file via e-mail.
- **Beam...**: Send a file via Bluetooth.
- **Edit**: Access file editing options, such as **Cut**, **Copy**, **Paste**, and **Delete**.
- **Properties**: Access the file or folder properties.
- **View**: Change the view mode of File Explorer.
- **Sort By**: Change the sort order of File Explorer.
- **My Device:** Access the file directory of your device.
- **Storage Card**: Access the file directory of a memory card, if you have inserted.
- **My Documents**: Access the **My Documents** folder.

Task Manager

Your device is a multi-tasking device. It can run more than one program at the same time. However, multi-tasking may cause hang-ups, freezing, memory problems, and additional power consumption. To avoid these problems, end unnecessary programs using Task Manager.

To open Task Manager:

On the Home screen, press and hold . You can also press the **Start** soft key and then the **More** soft key, and select **Utilities** → **Task Manager**. The list of all the programs currently running on your device appears.

Managing running programs

- To activate a program, press the **Menu** soft key and select **Activate**.
- To close a program, press the **Stop** soft key. To close all programs, press the **Menu** soft key and select **Stop all**.
- To refresh the program list, press the **Menu** soft key and select **Refresh**.

Checking the battery status

You can check the remaining battery power level. Press the **Menu** soft key and select **Battery**.

Checking the storage memory

You can check the memory in use for storing files and running programs in your device or on a memory card. Press the **Menu** soft key and select **Memory info**.

chapter 9

Getting connected

You can use your device to exchange information with other mobile devices as well as your desktop computer, a network, or the Internet. You have the following connection options:

- Exchange information between devices with Bluetooth capabilities without a physical connection.
- Connect the device to your computer using a USB connection to use the device as a modem, data sync device or external memory disk.
- Connect to your Internet service provider (ISP) or the network at your company. Once connected, you can send or receive e-mail and instant messages, and browse the Internet or intranet.
- Set the device to connect a Wi-Fi network in a Wi-Fi-enabled zone for high speed network connections.

Beaming with Bluetooth

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange data over a distance of about 10 metres without requiring a physical connection.

You do not need to line up the device with another device to beam information with Bluetooth.

Note: Using Bluetooth and Wi-Fi connections at the same time may cause your device to disconnect or slow down during data transmission.

Activating Bluetooth mode

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Connections** → **Bluetooth**.
3. Check boxes to activate the Bluetooth feature or allow other devices to detect your device.
4. Press the **Done** soft key.

Setting Bluetooth profiles

You can change the settings for each Bluetooth profile available on your device.

On the Home screen, press the **Start** soft key, and select **Settings** → **More...** → **Connections** → **Bluetooth Profiles**. The following options are available:

- **Headset Setting**: Change the settings for a profile for connecting to a Bluetooth headset.
- **BPP Setting**: Change the settings for a profile for connecting to a Bluetooth printer.
- **OBEX FTP Server Setting**: Change the settings for a profile for connecting to a Bluetooth file server.
- **My Information Setting**: Set the display name for your device, and check the address and version information.

Searching for and pairing with a Bluetooth device

1. On the Bluetooth screen, press the **Menu** soft key and select **Devices**.

2. To search for a new device, select **Add new device...**
3. Wait for the device to search for Bluetooth devices.
4. Select a device to connect to the device.
5. Enter a Bluetooth passcode and press the **Next** soft key. This passcode is used just once and you do not need to memorise it.

   When the owner of the other device enters the same passcode, paring is finished.

   Note: Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth passcode, such as **0000**. If the other device has one, you must enter the code.

6. Press the **OK** soft key when the connection is established.
7. Enter a display name for the other device and press the **Next** soft key.
8. Check the services you want and press the **Done** soft key.

Using the device options

When you press the **Menu** soft key from the device list, you can access the following options:

- **Add new device**: allows you to search for any devices.
- **Edit**: allows you to change the name of the connectable device.
- **Delete**: allows you to delete the device.

Receiving data with Bluetooth

1. When a notification that a remote device is trying to connect with the device, enter the Bluetooth password entered from the remote device and press the **Done** soft key.
2. When prompted to save incoming data, press the **Yes** soft key.

Sending data with Bluetooth

1. Locate an item in a program that you want to send, such as Calendar, Contacts, Tasks, Contents Manager, or File Explorer.
2. Scroll to the item.
3. Press the **Menu** soft key and a Bluetooth sending option, depending on the program you accessed.
4. Search for and pair with the device beginning with step 2 on page 138.

   The device searches for devices within range and displays a list of available devices.
5. Select a device you want to start sending data to.
6. Press the **OK** soft key when sending has been completed.

Connecting to an FTP server

You can connect your device to a file server, which can be a mobile device or computer, and exchange files with the server.

1. From the Home screen, press the **Start** soft key and then the **More** soft key.
2. Select **Utilities** → **OBEX FTP**.
3. Press the **Menu** soft key and select **Search FTP Servers**.

   The device searches for available devices and shows the results.
4. Select the device you want.
5. Enter a Bluetooth passcode and press the **Next** soft key.
6. When your device is connected to the server, press the **Transfer** soft key, and select **File Download** or **File upload** to copy files to and from the server.

Connecting to a computer via USB

You can select how the device functions when connected to a computer via the USB port.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Connections** → **More...** → **USB**.

3. Select one of the following functions for USB connections:
   - **Mass Storage**: The device is perceived as an external memory device. You must insert a memory card into the device.
   - **Active Sync**: The device communicates with a computer via ActiveSync.
4. Press the **Done** soft key.

Internet Sharing

Using Internet Sharing, you can set your device to be used as an external modem for another device or computer when connected via the USB port or Bluetooth.

Note: If you have an active GPRS connection, for example a WAP connection, you must first terminate the connection before attempting Internet access via Internet Sharing.

1. For a USB connection, plug the PC data cable into the device and the USB port on your computer.
2. On the Home screen, press the **Start** soft key and then the **More** soft key.
3. Select **Internet Sharing**.
4. If you access this program for the first time, press the **OK** soft key.
5. Select the PC connection and network connection types.
6. Press the **Connect** soft key to activate Internet Sharing.

7. For a Bluetooth PAN connection, search for a compatible computer and connect the device to the computer.

Notes:
- When Internet Sharing is activated, you cannot use ActiveSync.
- When Windows XP Service Pack 2 is used, Internet access using Internet Sharing is more stable.

Connecting to the Internet or your network

You can use the **Connections** settings to create GPRS, proxy, and Virtual Private Network (VPN) connections so that you can connect to the Internet or your corporate network. By using a data connection, you can browse the Internet, download e-mails, chat by using MSN® Messenger, or synchronise remotely with an Exchange Server. Check with your service provider to see if a data connection has already been set up for you, and if over-the-air configuration is supported.

Creating a GPRS connection

If you subscribe to General Packet Radio Services (GPRS), you can set up a GPRS connection to gain access to your corporate network or the Internet.

You can also use your device as a GPRS modem for a desktop computer.

1. On the Home screen, press the **Start** soft key.

2. Select **Settings** → **More...** → **Connections** → **GPRS**.

Note: You can select an authentication method for GPRS connections by using **GPRS Authentication.**

3. Press the **Menu** soft key and select **Add**.

4. Enter the requested information.
   - **Description**: Enter a name for the connection.
   - **Connects to**: Select a network type for which the connection will be used.
   - **Access point**: Enter the information provided by your system administrator.
   - **User name**: Enter your user name for the GPRS network.
   - **Password**: Enter your password.
   - **Primary DNS**: Enter the primary domain naming system (DNS) address.
   - **Secondary DNS**: Enter the secondary DNS address.
   - **IP address**: Enter the Internet Protocol (IP) address.

Note: If you are not sure about the information to enter, ask your network administrator.

5. When you have finished, press the **Done** soft key.

Creating a proxy connection

You can use a proxy connection to gain access to the Internet over an existing connection to your corporate network.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Connections** → **More...** → **Proxy**.
3. Press the **Menu** soft key and select **Add**.
4. Enter the requested information.
   - **Description**: Enter a name for the connection.
   - **Connects from**: Select the type of network from which you will connect.
   - **Connects to**: Select the type of network to which you will connect.
   - **Proxy (name:port)**: Enter the proxy server name and port number in the form.
   - **Type**: Select a network type for which the proxy connection will be used.
   - **User name**: Enter your user name for the network to which you will connect.
   - **Password**: Enter your password.

   Note: If you are not sure about the information to enter, ask your service provider.
5. When you have finished, press the **Done** soft key.

Creating a VPN connection

If your company has set up a virtual private network (VPN), you can create a VPN connection to gain access to your corporate network over an Internet connection.

1. On the Home screen, press the **Start** soft key.
2. Select **Settings** → **More...** → **Connections** → **More...** → **VPN**.
3. Press the **Menu** soft key and select **Add**.
4. Enter the requested information.
   - **Description**: Enter a name for the connection.
   - **VPN type**: Select the type of VPN.
   - **Server**: Enter the VPN server name.
   - **Connects from**: Select the type of network from which you will connect to VPN (typically **The Internet**).
   - **Connects to**: Select the type of network to which you will connect (typically **Work**).
   - **User name**: Enter your user name for the VPN.
   - **Password**: Enter your password.
   - **Domain**: Enter the domain name, if required.
   - **IPSec authentication**: If you selected **IPSec/L2TP** for **VPN type**, select the type of authentication.
   - **IPSec Pre-shared key**: If you selected **Pre-Shared Key** for IPSec authentication, enter the shared key.

Note: If you are not sure about the information to enter, ask your network administrator.

5. When you have finished, press the **Done** soft key.

Setting up data connections

After creating connection profiles, you can assign a profile to each network type.

1. On the Connections screen, press the **Menu** soft key and select **Advanced**.
2. Select a connection profile in each network.
3. Press the **Done** soft key.

Adding a URL exception

Some URL addresses for web pages on your company intranet may use periods, for example: intranet.companyname.com. To view these pages in Internet Explorer, you must create a URL exception.

Note: You do not need to create URL exceptions for Internet URL addresses.

1. On the Connections screen, press the **Menu** soft key and select **Advanced**.
2. Press the **Menu** soft key and select **Work URL Exceptions**.
3. Press the **Menu** soft key and select **Add**.
4. Enter the URL pattern and press the **Done** soft key. Separate multiple URL patterns with a semicolon.

Changing the data connection options

On the Advanced screen, press the **Menu** soft key and select **Options** to access the following options:

- **Redial attempts**: Select the redial attempt to connect the Internet or your network after an unsuccessful connection.
- **Idle disconnect after**: Select the length of time for which your device will cache released connections.
- **My desktop connects to**: Select the type of network to which your desktop computer will connect.

Using high speed connections via Wi-Fi

Your device is equipped with Wi-Fi (Wireless Fidelity) technology, enabling you to access your service provider's network by connecting to a Wi-Fi AP (Access Point). You can use Call, Messaging, high speed Internet, and other network features via GSM (GPRS) networks and Wi-Fi network easily.

Note: Using Bluetooth and Wi-Fi connections at the same time may cause your device to disconnect or slow down during data transmission.

Turning on Wi-Fi and connecting to a Wi-Fi network

1. Press [ⓘ] and select **Wireless Manager** → **Wi-Fi**.

You can also press the **Start** soft key from the Home screen and select **Settings** → **More...** → **Connections** → **More...** → **Wi-Fi**. Then press the **Menu** soft key and select **Turn On Wi-Fi**.

2. If the Networks Detected message appears, press the **Yes** soft key to access the available network list.

   You can also press the **Start** soft key on the Home screen and select **Settings** → **More...** → **Connections** → **More...** → **Wi-Fi**.

3. Select a Wi-Fi network and a network type, and press the **Connect** soft key.

4. Select a network type and press the **Next** soft key.

5. If the selected network is secured, enter a network key and press the **Next** soft key.

6. If the selected network uses EAP, check **Use IEEE 802.1x network access control** and select an EAP type and certificate.

7. Press **Finish** soft key.

Creating an Wi-Fi network connection profile

You can create two types of network profiles, access point networks, and Ad Hoc (device to device) networks.

1. On the Home screen, press the **Start** soft key and select **Settings** → **More...** → **Connections** → **More...** → **Wi-Fi** → **New...**

2. Enter a network name and select a network type.

3. If you are creating an Ad Hoc network, check **This is a device to device (ad-hoc) connection** and press the **Next** soft key.

   If you do not select this option, the network is added as an access point network.

4. Set authentication options, enter a network key, set an index number for the key, and press the **Finish** soft key.

5. For an access point network, set whether to use IEEE 802.1x network access control select an EAP type, and press the **Finish** soft key.

Managing Wi-Fi networks

From the available Wi-Fi network list, you can check the status of the networks you have saved and change a network's properties.

On the list, the following icons may appear to indicate the device status.

- : Secured AP connection
- : Ad Hoc (Device to Device) connection
- : Non-secured AP connection

Press the **Menu** soft key and select **Edit** to change the network properties or **Delete** to remove the network from the list.

Changing the Wi-Fi settings

You can configure the Wi-Fi connection settings. From the Wi-Fi screen, press the **Menu** soft key and select **Wi-Fi Settings** to access the following options:

- **Networks to access**: Set the kind of network connection type that is displayed on the Wi-Fi network list.
- **Available network notification**: Set whether the device notifies you if there are available networks detected each time you turn on Wi-Fi.
- **Turn off Wi-Fi if not connected in**: Set whether the device turns off Wi-Fi when no connection is available.

chapter 10

Troubleshooting

General problems

Problem	Description & Solution
"Invalid or missing SIM card. You can still make emergency calls if your service provider supports it" displays	Check that the SIM card has been correctly installed.
"No network coverage," "Error unable to connect. No network coverage." or "Message sending failed" displays	• The network connection has been lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Move and try again. • You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.
The bars next to disappear	• If you have just turned on your device, wait for about 2 minutes, until your device finds the network and receives a signal from the network. • If you are in a tunnel or in an elevator, the device may not be able to receive the network signal properly. Move to an open place. • This may appear when you move between different service areas. It is normal.

Problem	Description & Solution
The display is not clear	In direct sunlight, you may not be able to see the display clearly. Moving to a place with different lighting should solve this problem.
White lines appear on the display	This may happen if you turn on the device after a long period of disuse, or after removing the battery without turning off the device. This is not related to the device's life or performance. The display should correct itself shortly.
"PIN code" appears	• You are using your device for the first time. You must enter the Personal Identification Number (PIN) supplied with the SIM card. • The PIN check feature has been enabled. Each time the device is switched on, the PIN has to be entered. To disable this feature, press the **Start** soft key, select **Settings** → **More...** → **Security** → **Disable SIM PIN**, and enter the PIN.
"PUK Required" appears	The PIN code was entered incorrectly three times in succession and the SIM card is now blocked. Enter the PUK supplied by your service provider.

Problem	Description & Solution
I forgot the password, PIN, reset password, or PUK codes	If you forget or lose the device password, contact your device dealer. If you forget or lose a PIN or PUK code, or if you have not received such a code, contact your network provider. For information about passwords, contact your access point provider, for example, a commercial Internet Service Provider (ISP), service provider, or network operator.

Call problems

Problem	Description & Solution
I have entered a number but it was not dialled	• Be sure that you have pressed . • Check if your wireless connection to your mobile service provider is switched on and the signal from the network is unobstructed. • You may have set an outgoing call barring option.
My correspondent cannot reach me	• Be sure that your device is switched on (pressed for more than one second). • Check if your wireless connection to your mobile service provider is switched on and the signal from the network is unobstructed. • You may have set an incoming call barring option.

Problem	Description & Solution
My correspondent cannot hear me speaking	• Be sure that you have switched on the microphone. • Make sure that the device is close enough to your mouth. The microphone is located at the bottom of the device.
The audio quality of the call is poor	• Adjust the voice volume by pressing /. • Check the signal strength indicator on the display ( ); the number of bars indicates the signal strength, from strong to weak. • Try moving the device slightly or moving closer to a window if you are in a building.
Calls to and from the device are not connected properly, and are easily disconnected	• Signals from the network are weak. Move to another area. • Touching the antenna area on the bottom of the device may lower the call quality. Be careful not to touch the antenna area while using the device.

Power and charging problems

Problem	Description & Solution
The device malfunctions or does not function	Remove the battery and then replace it. Turn on the device. If the problem persists, contact a Samsung service representative.
The battery's standby time is shorter than expected	• Batteries are subject to wear and tear. Standby time may grow shorter as time passes. • Leaving a fully charged battery in a cold or hot place for a long period of time may reduce battery life. • Standby time depends on where you use the device. The actual time may vary from the battery's specifications.
Is it OK if I leave the device connected to the power outlet after it is fully charged	We recommend that you disconnect the device from the adapter or unplug the adapter from the power outlet.
The device becomes hot	This may happen when you are on the device or when you use programs, such as games, the Internet, media player, or the camera, for a long time because the device needs more power at those times. Stop using those programs until the device cool down.

Problem	Description & Solution
The battery level seems sufficient, but the device does not turn on	• Remove the battery from the device and reinstall it. Then turn on the device. • Clean the metal contacts both on the battery and on the device. Reinstall the battery and turn on the device.
The device turns off when the adapter is connected	Dust on the contacts may cause unexpected power-off or charging problems. Clean the metal contacts both on the battery and on the device.

Program problems

Problem	Description & Solution
"Not enough memory to perform operation. Delete some data first." or "Memory low. Delete some data." displays	To view what kind of data you have and how much memory the different data groups consume, press the **Start** soft key and then the **More** soft key, and select **Utilities** → **Task Manager**. Press the **Menu** soft key and select **Memory info**. Delete old items from programs. If necessary, make a backup copy of your data using ActiveSync or the memory card.
WAP Browser	
"Unable to connect. Verify your proxy settings, and try again." displays	Insert proper browser settings. Contact your service provider for instructions.

Problem	Description & Solution
Internet Explorer	
"Your Internet connection is not configured properly. Please verify your settings in Data Connections." displays	Insert proper browser settings. Contact your service provider for instructions.
The device is unable to connect to the Internet	• Check if you have set up and are connected to an Internet service provider. • Check if your wireless connection to your mobile service provider is switched on and the signal from the GPRS network is not obstructed. • Verify with your service provider that your user name and password are correct. • Verify with your Internet service provider that the network you are trying to connect is available, or try to connect it from another PC.
Camera	
Images seem smudged	Check if the camera lens protection window is clean.

Problem	Description & Solution
Contacts	
No number is dialled when you recall a contact card	• Check if a number has been stored in the contact card. • Re-store the number, if necessary.
Bluetooth	
I cannot end a Bluetooth connection	If another device is connected to your device, you can end the connection by deactivating Bluetooth. Go to **Bluetooth** and deselect **Turn on Bluetooth**.
I cannot find my friend's Bluetooth-enabled device	• Be sure that both have activated Bluetooth. • Be sure that the distance between the two devices is not over 10 metres or that there are no walls or other obstructions between the devices. • Be sure that the other device is in the discoverable mode. • Be sure that both devices are compatible.
I cannot discover the remote Bluetooth stereo headset	• Be sure that the Bluetooth functionality on the device is turned on. • Be sure that the remote Bluetooth stereo headset is in the discoverable mode. • Be sure that the remote Bluetooth device has the capability to act as a stereo headset.

Problem	Description & Solution
I cannot connect to the remote Bluetooth stereo headset	Ensure that the correct passkey was entered on the device during the connection with the headset. Most Bluetooth headsets have a fixed passkey that would be mentioned in their user's guide. You would need to enter the passkey when establishing a connection with the headset.
I cannot listen to music on the remote Bluetooth stereo headset	• Ensure that you are connected to the Bluetooth stereo headset. • Ensure that the song that you are playing is one of the supported formats. • Check the battery levels on the Bluetooth stereo headset. • Ensure that the device and headset are within range of each other. The maximum distance between the two should not be more than 10 metres.
There are breaks in the music being played on the remote Bluetooth stereo headset	You may observe breaks if there are walls that separate the device and the Bluetooth stereo headset.
Call History	
The call history appears empty	You may have activated a filter, and no communication events fitting that filter have been logged. To see all events, press the **Start** soft key and select **Call History**. Press the **Menu** soft key and select **Filter** → **No Filter**.

Problem	Description & Solution
Messaging	
I cannot select a contact card when creating a message	If the contact card does not have a phone number or e-mail address, you cannot select it. Add the missing information to the contact card in Contacts.
PC connectivity	
Problems occur when connecting the device to a PC	Make sure that ActiveSync is installed and running on your PC. See the user's guide for ActiveSync on the CD-ROM. For further information on ActiveSync, see the help function on ActiveSync or visit www.microsoft.com.

If the above guidelines do not help you to solve the problem, take note of:

- the model and serial numbers of your device
- your warranty details
- a clear description of the problem

Then contact your local dealer or Samsung after-sales service.

chapter 11

Regulatory notices

SAR certification information

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured so as not to exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0 W/Kg.[1]

The highest SAR value for this model phone was 0.776 W/Kg.

1. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary depending on national reporting requirements and the network band.

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a new model phone is made available for sale to the public, compliance with the European R&TTE Directive must be shown. This directive includes as one of its essential requirements the protection of the health and safety of the user and any other person.

European Union notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (in brackets are the equivalent international standards):

- EN 60950 (IEC 60950) - Safety of Information Technology Equipment
- ETS 300 342-1 (June 1997) - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for European digital cellular telecommunications system (GSM 900 MHz, GSM 1800 MHz, and GSM 1900 MHz); Part 1: Mobile and portable radio and ancillary equipment

- GSM11.10
- ANSI/IEEE C.95.1-1992- specific absorption rate in mobile phone emission condition for body health
- FCC part 15 and part 24
- prENV50166-2, 1995 for SAR
- SAR: 0.776 W/kg

Important safety information

Retain and follow all product safety and operating instructions. Observe all warnings on the product and in the operating instructions.

To reduce the risk of bodily injury, electric shock, fire, and/or damage to the equipment, observe the following precautions:

General precautions

Heed service markings: Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside these compartments should be done by an authorised service technician or provider.

Damage requiring service: Unplug the product from the electrical outlet and refer servicing to an authorised service technician or provider under the following conditions:

- Liquid has been spilled or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.

- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

Avoid hot areas: The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Avoid wet areas: Never use the product in a wet location.

Avoid pushing objects into product: Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Mounting Accessories: Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting: Do not place the product with an unstable base.

Use product with approved equipment: This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume: Turn down the volume before using headphones or other audio devices.

Cleaning: Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean an LCD screen.

Safety precautions for power supply unit

Use the correct external power source: A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorised service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product. Handle battery packs carefully: This product contains a Lithium Polymer battery.

There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures of higher than 60° C (140° F).

Note: Danger of explosion if battery is incorrectly replaced. Replace only with specified batteries. Dispose of used batteries according to the local regulations or reference guide supplied with your product.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children and pets. They may

inadvertently damage these things or choke on small parts.

- Keep the phone dry. Precipitation, humidity and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone’s electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth.
- Do not paint the phone. Paint can clog the device’s moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- When the phone or battery gets wet, the label indicating water damage inside the phone changes colour. In this case, phone repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your phone has not expired.

- If your phone has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

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Declaration of Conformity (R&TTE)

For the following product :

GSM900/GSM1800/GSM1900/WCDMA with Bluetooth

Portable Cellular Telephone

(Product description)

SGH-i600

(Model name)

Manufactured at :

- Samsung Electronics Co., Ltd, 94-1, Imsoo-Dong, Gumi City, Kyung-Buk, Korea, 730-350

(factory name, address)

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

Safety	**: EN 60950-1:2001**
EMC	**: EN 301 489-01 v1.4.1 (08-2002)** **EN 301 489-07 v1.2.1 (08-2002)** **EN 301 489-17 v1.2.1 (08-2002)** **EN 301 489-24 v1.2.1 (11-2002)**
SAR	**: EN 50360:2001** **EN 50361:2001**
Network	**: EN 301 511 v9.0.2 (03-2003)** **EN 301 908-1 v2.2.1 (10-2003)** **EN 301 908-2 v2.2.1 (10-2003)** **EN 300 328 v1.6.1 (11-2004)**

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[Ⅳ] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Balfour House, Churchfield Road,
Walton-on-Thames, Surrey, KT12 2TD, UK
Identification mark: 0168

CE 0168

The technical documentation kept at :

Samsung Electronics QA Lab.

which will be made available upon request.
(Representative in the EU)

Samsung Electronics Euro QA Lab.
Blackbushe Business Park,Saxony Way,
Yateley, Hampshire,GU46 6GG, UK

2006.10.27 — (place and date of issue)

Yong-Sang Park / S. Manager — (name and signature of authorized person)

※ It is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your phone.

* Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
* Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

SAMSUNG ELECTRONICS

English. 03/2007. Rev. 1.0